

INFO

Telegram is a new social network that has been intensely used by Al-Ansar , Al-Mujahideen relied on it in publishing news and Videos release. Although Telegram is a closed network, it is not like other social media such as Twitter and Facebook ,As you can access any content through other social networks via search engines ,but Telegram does not currently have these features, one of the reasons that Ansar rely on it is the false propaganda about It's safety and encryption. Where cryptologists - not amateurs - recognize the danger of relying on experimental Telegram cryptographic protocols.

The Mujahideen warned before about using Telegram In Secure Messaging But it consider as a Social community of Al-Ansaar where it contains thousands of groups and channels aimed to utilize the features of Telegram in publishing content, we offer these tips to reach maximum safety, by Allah Willings



YOUR SECURITY ON
TELEGRAMA



Telegram is a new social network that has been intensely used by Al-Ansar , Al-Mujahideen relied on it in publishing news and Videos release. Although Telegram is a closed network, it is not like other social media such as Twitter and Facebook ,As you can access any content through other social networks via search engines ,but Telegram does not currently have these features, one of the reasons that Ansar rely on it is the false propaganda about It's safety and encryption. Where cryptologists - not amateurs - recognize the danger of relying on experimental Telegram cryptographic protocols.

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Note :

Recently Telegram has changed it's Privacy Policy and It announced that it had handed over the statements of “terrorists” if requested to do so legally by governments.

Be sure to secure your account as described in the following steps:

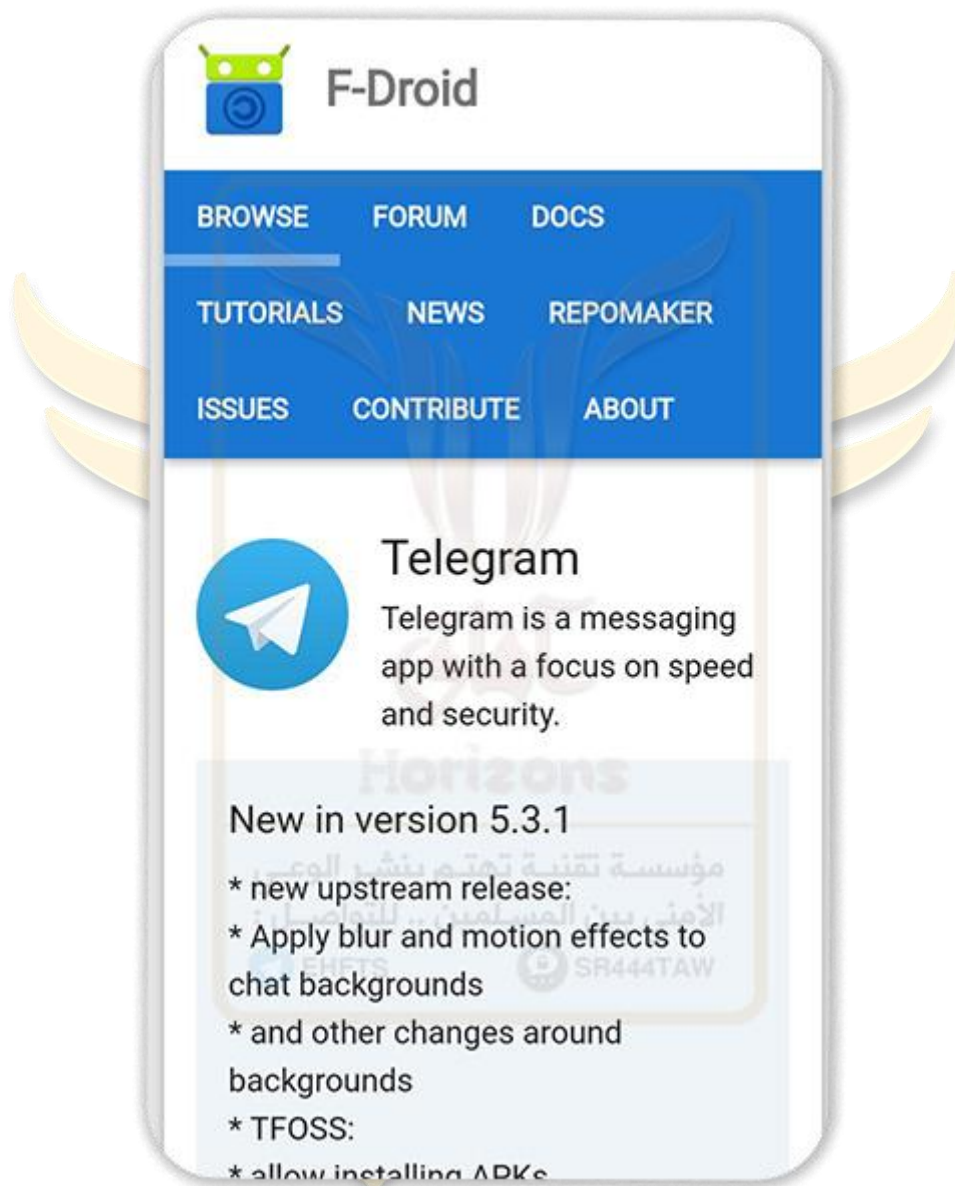
Downloading Telegram :

We recommend to download Telegram version from [F-droid](#) store as it is a modified version without Google service

■ Several proprietary parts were removed from the original Telegram client, including Google Play Services for the location services, HockeySDK for self-updates and push



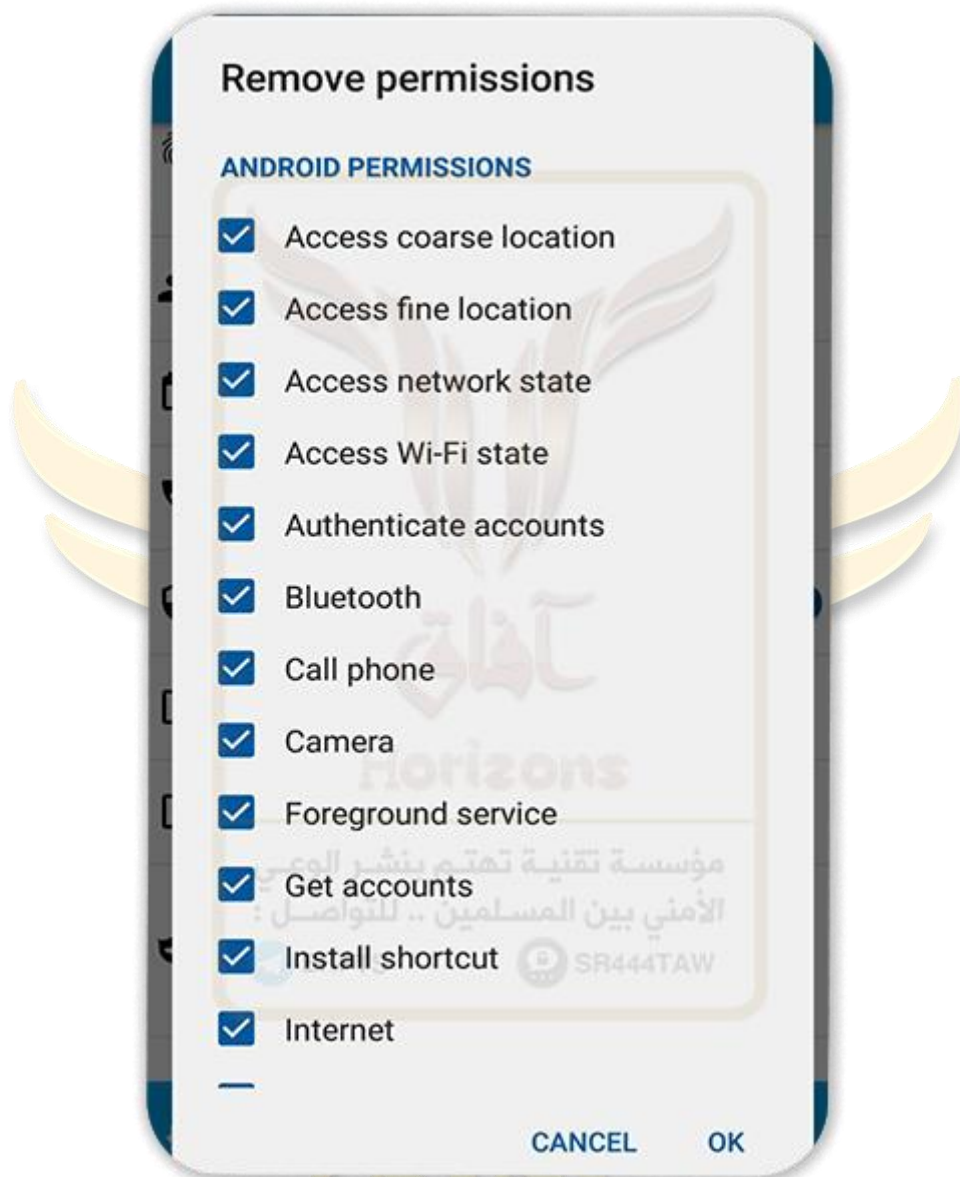
notifications through Google Cloud Messaging. Location sharing functionality is restored using OpenStreetMap.



| Telegram Permissions :

Telegram asks many permissions which violate users' privacy such as Telegram requests access to contacts to synchronize all user contacts and uploads them on Telegram servers. As this behavior threatens your privacy, so you can use reverse engineering applications to modify Telegram permissions such as [APK Editor](#) و [Appcloner](#)



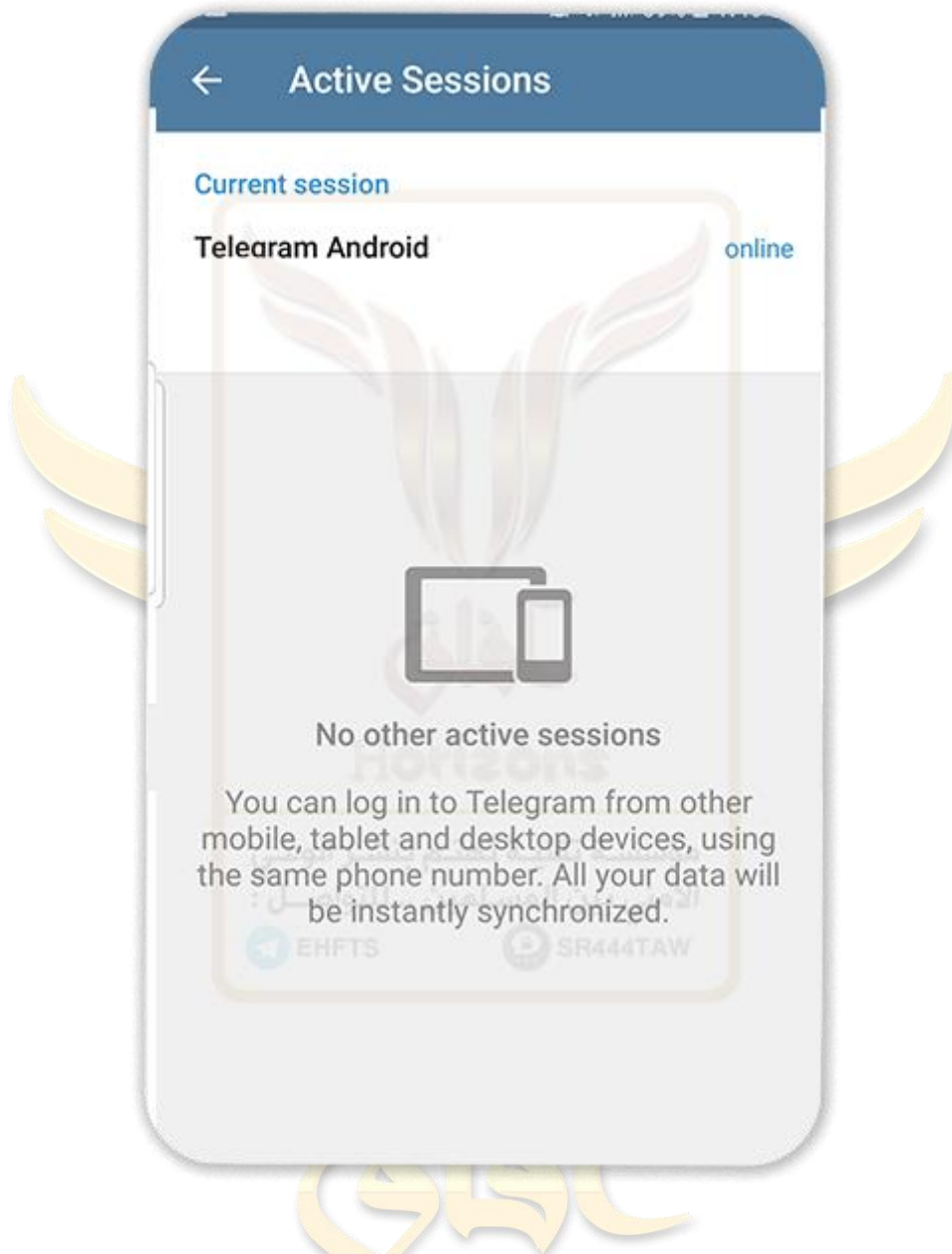


| Using VPN or Tor services:

While registering for Telegram, Telegram's servers logs the IP address and geographic location of your device in each session, which you can see it in Settings - Privacy & security - Active Sessions







Using [Tor proxy](#) or [VPN services](#) while using Telegram is an imperative to prevent the company from accessing the real IP address of your device especially that Telegram stores many user metadata such as the time of sending and receiving messages, number, geographical location of both parties and the content of public messages as well

| **Registration with a fake number in Telegram:**

While registering for Telegram, Telegram's servers logs the IP address and geographic location of your device in each session, which you can see it in

Settings - Privacy & security - Active Sessions [Hushed](#), [OnOFF](#), [Side2line](#).



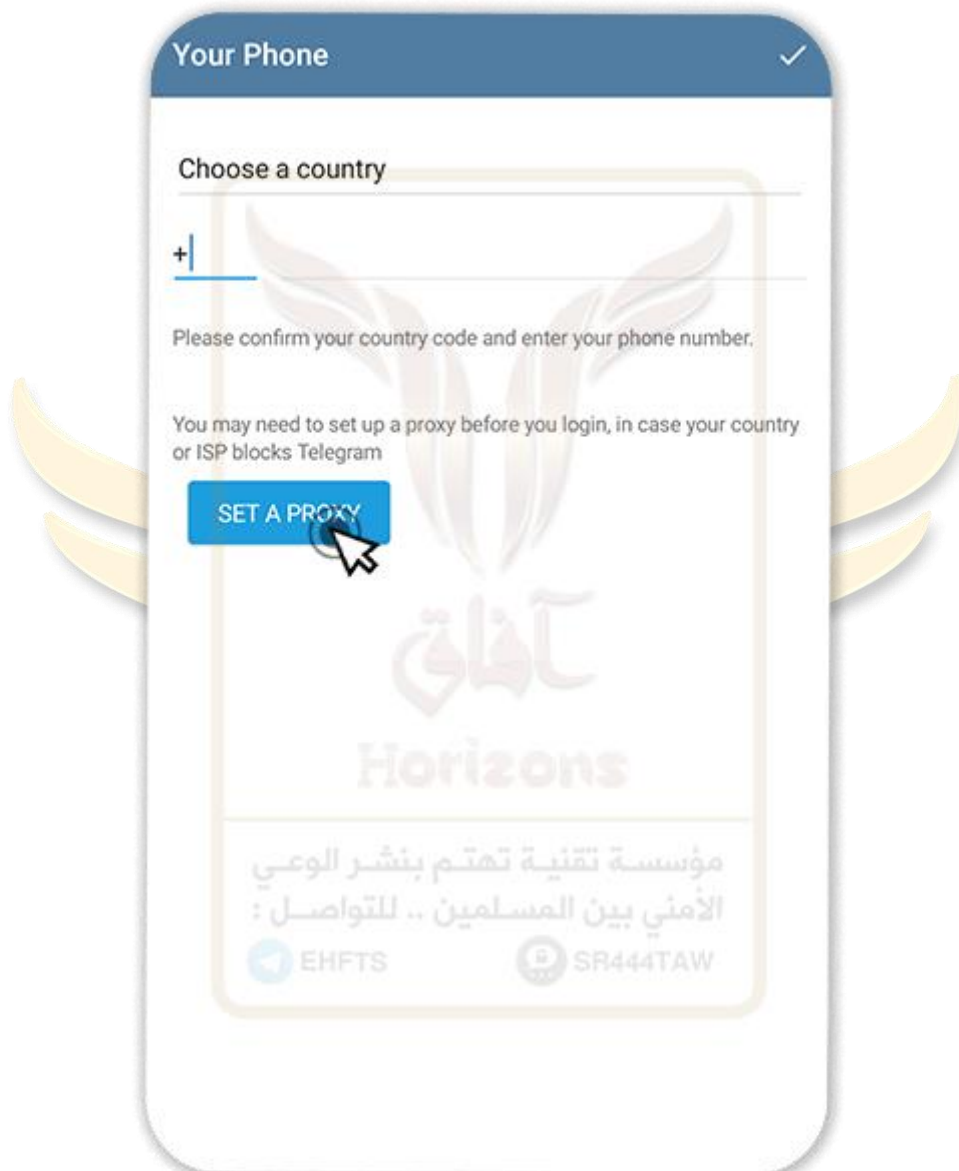


| Proxy settings :

While you are using VPN services without a firewall or a (Always-on) features, Certain there will be a leak of the IP address of your device in case the VPN service is stopped. So it is necessary to add a proxy to Telegram as an extra layer of protection to protect your connection from leaking ip address

Press on Set proxy to add a proxy

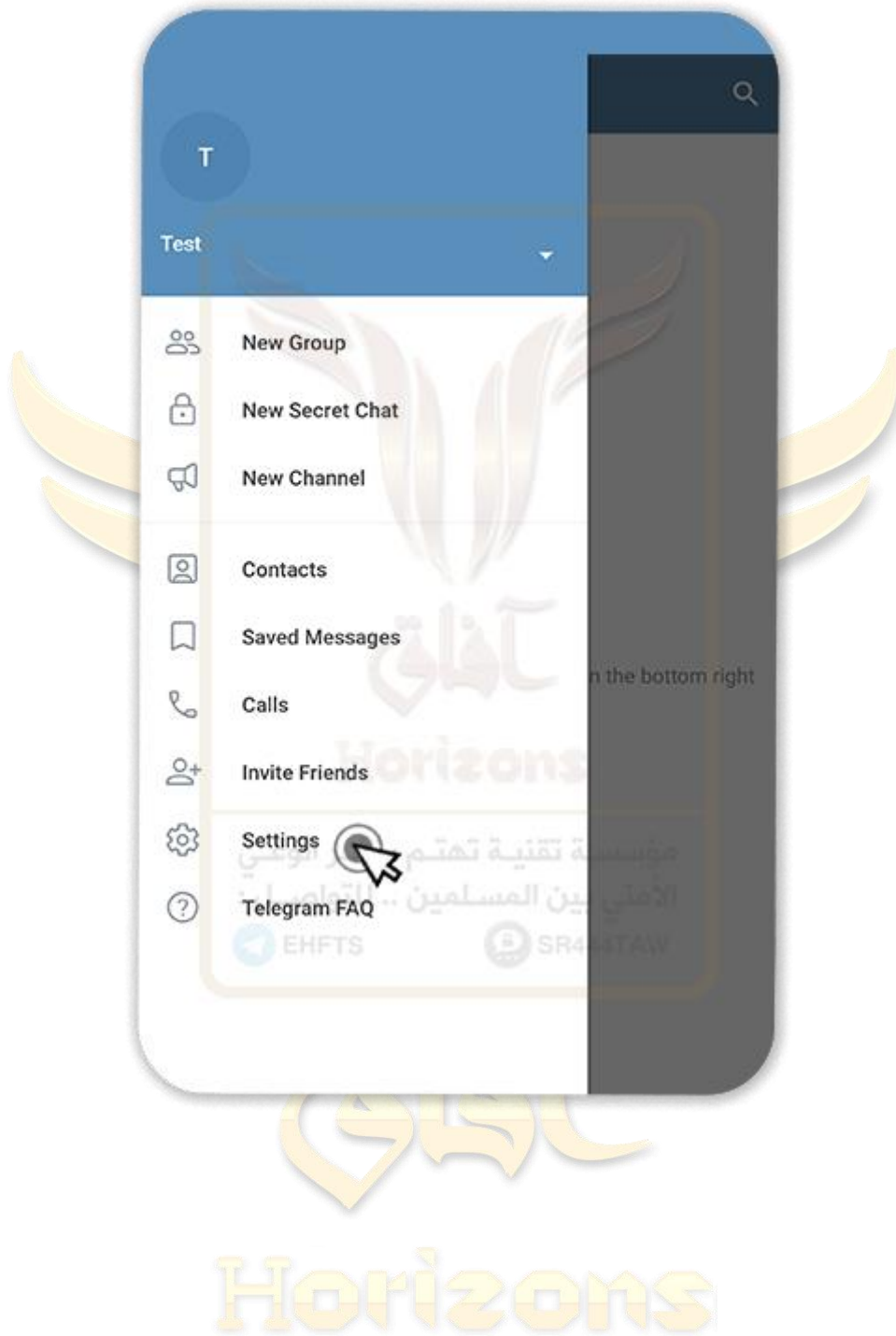


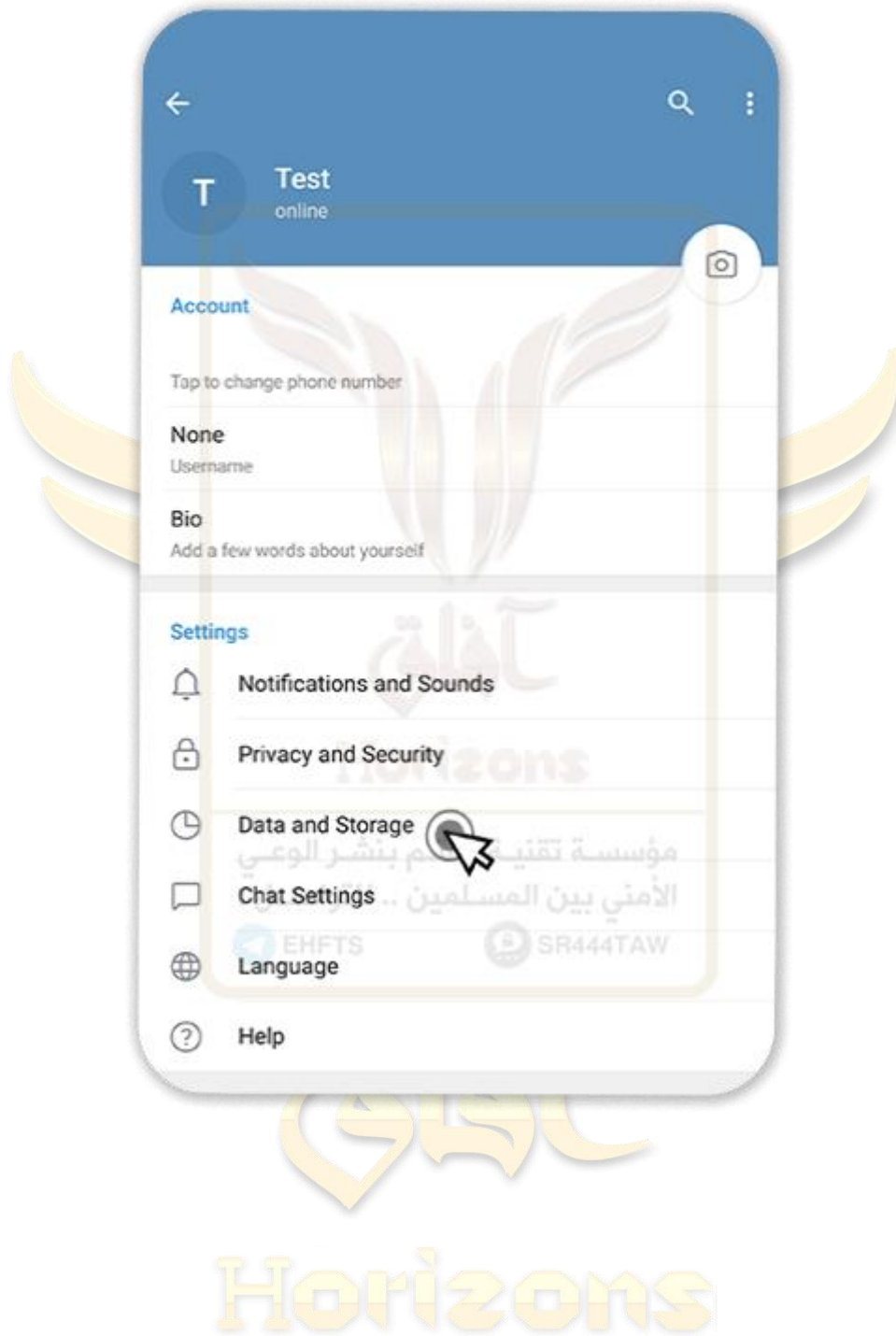


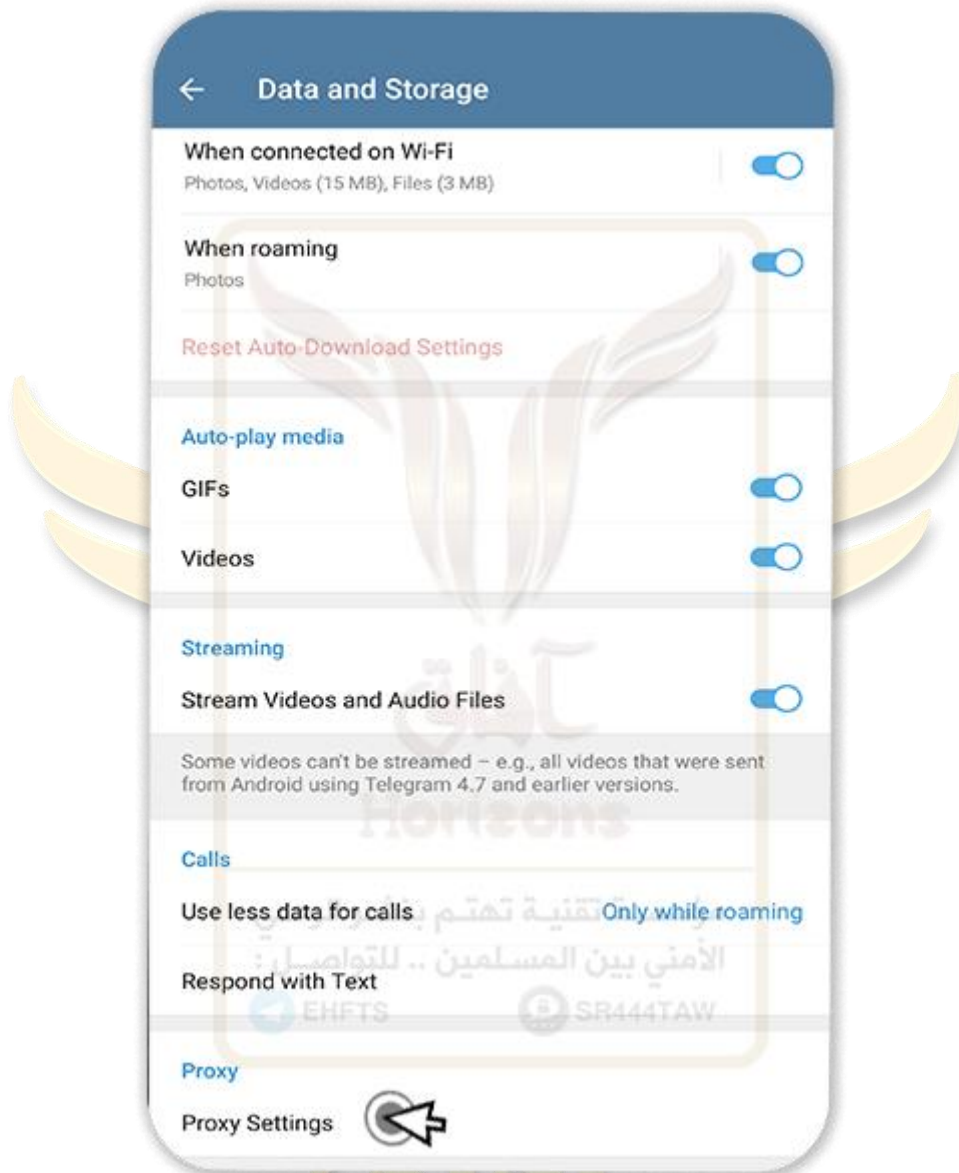
Or go to telegram settings>>data and storage>>>> proxy settings











press on use Proxy





write Proxy data

Note: You can use the Tor proxy on the Android system by adding the following data

Server : 127.0.0.1 port : 9150

Then download and install [Tor Browser Alpha](#) and run it as shown in the following images

















After adding the Tor proxy and launching the Tor browser, the proxy settings will show you a connecting word, which means that the proxy works





After logging in to Telegram you will see a shield icon as shown in the picture, which means that the proxy works

Notice ? : When you add the Tor proxy, Telegram will only work if you first run the Tor browser



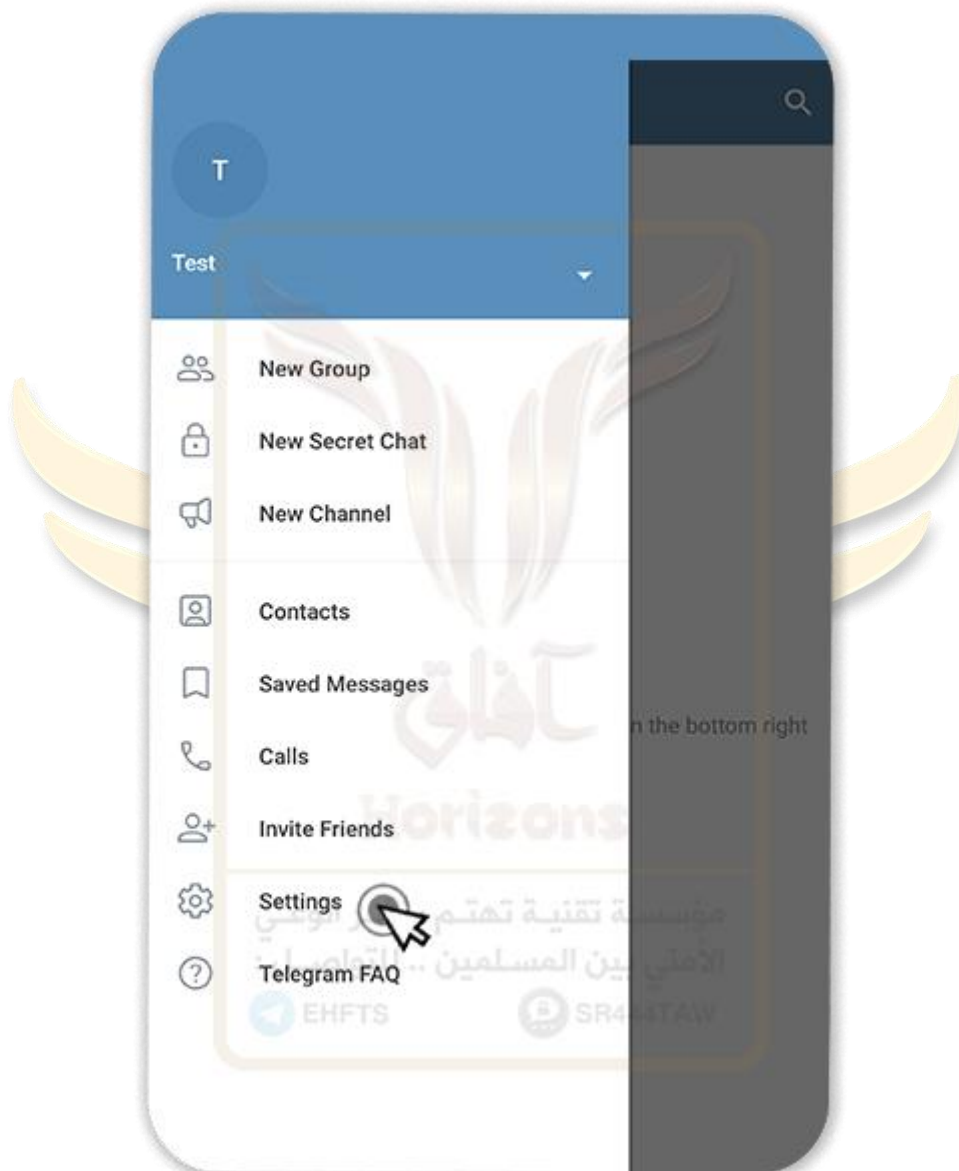


| Two Step verification:

It is considered as one of the most important security features of Telegram which prevents any third parties from accessing your account. Even if he got the number you set in Telegram. The attacker will not be able to access your account data because he will have to delete the account in order to use the number again.

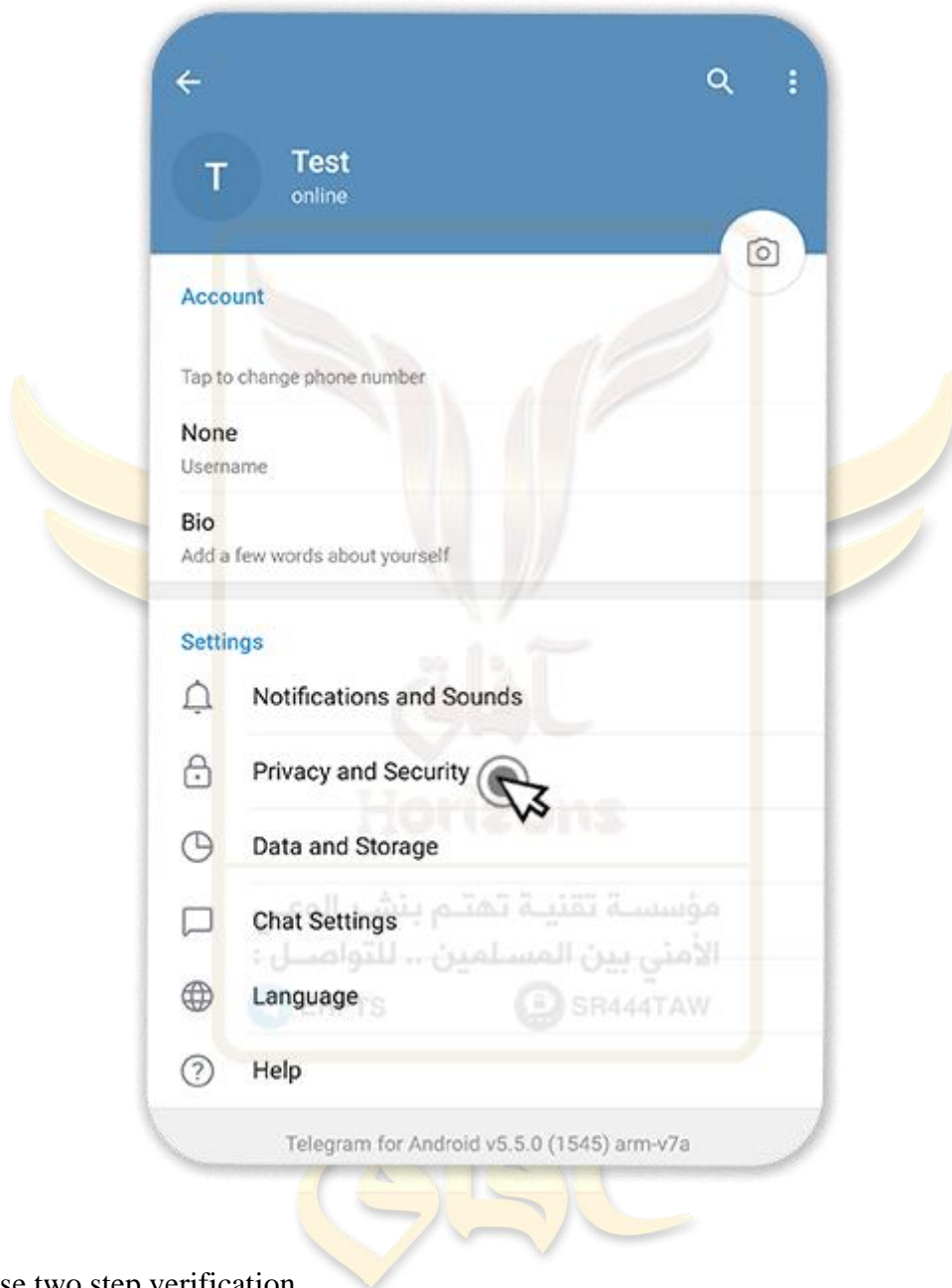
Press on Settings





choose Privacy and security





choose two step verification

Note: It is preferred to adjust the privacy settings as shown in the following pictures





Press in set additional password





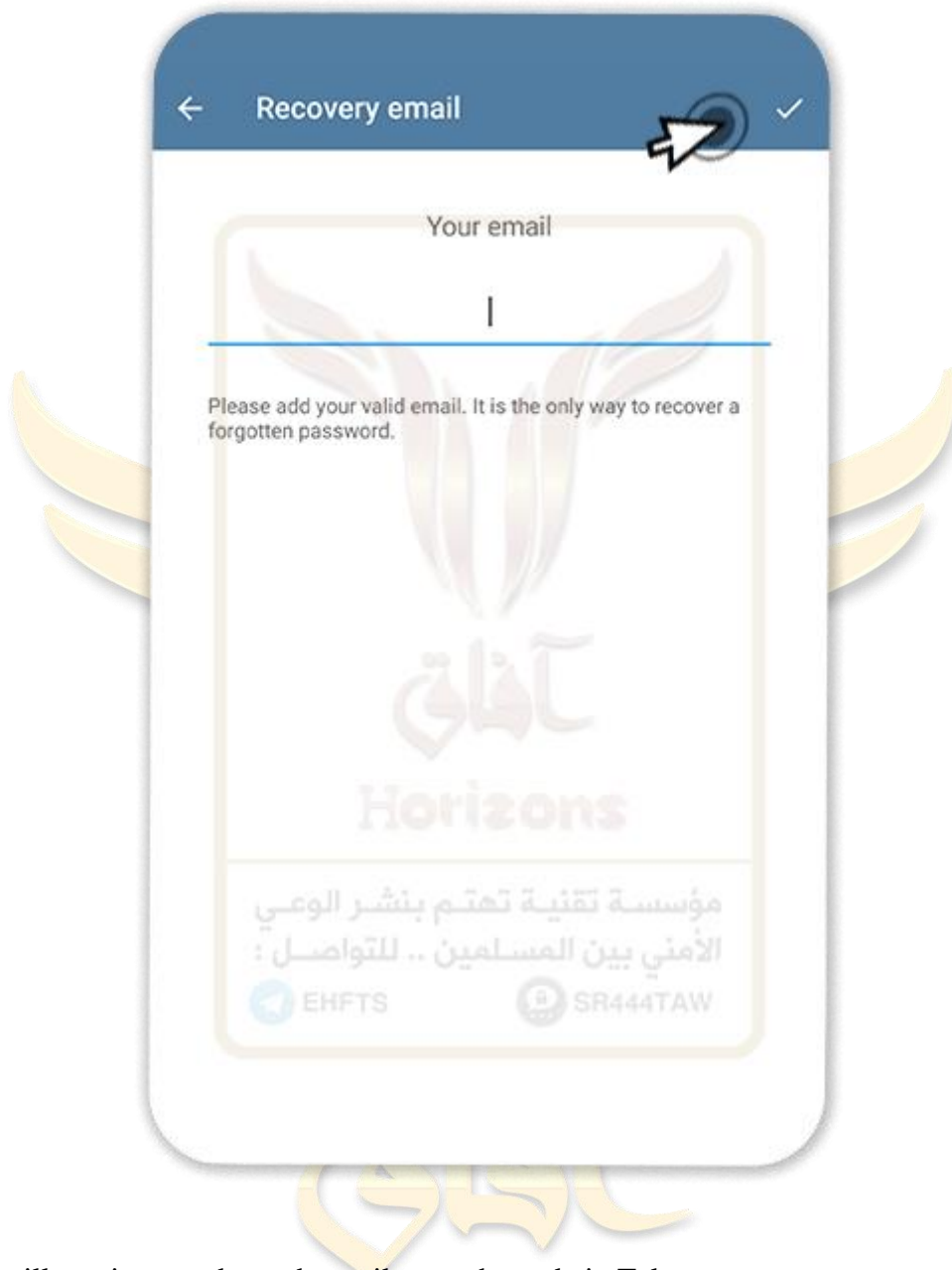
Enter a password





Put your e-mail it's preferred to register by [Tutanota](#) or [Protonmail](#)





You will receive a code on the mail enter the code in Telegram





If you do not receive a code, you will receive a link to activate the 2-step verification feature directly

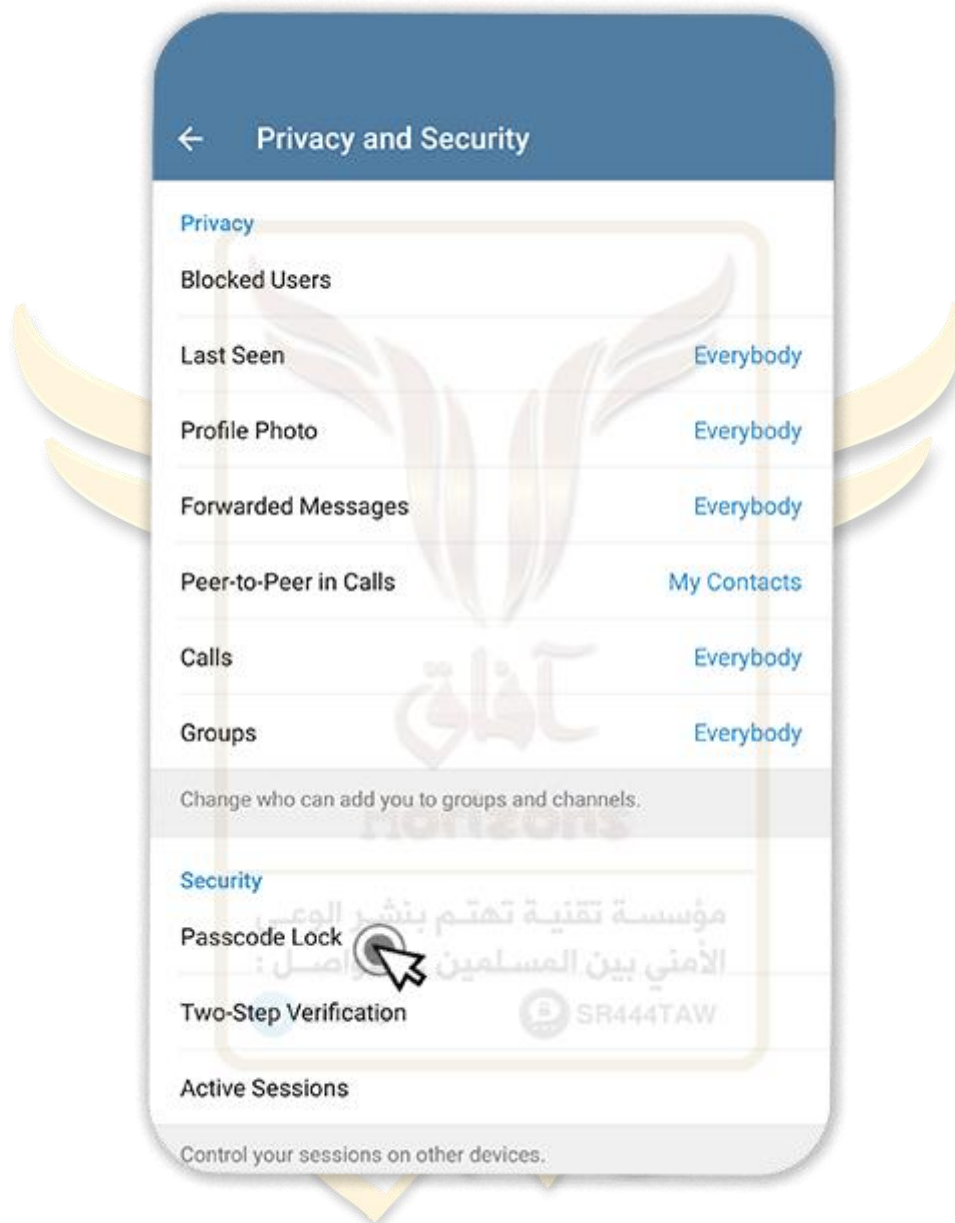
2-Step Verification prevents hackers and intelligence services from exploiting SS7 loopholes to access your Telegram account.

| Close the application with a passcode lock:

It's preferred to close the application with a password. As if your phone is hacked or stolen, the phone owner cannot access your account. We also recommend using a password consisting of letters, symbols, and numbers that are different from your phone lock password.



press on Passcode lock



press on number

Horizons





choose password





| Prevent the app from sync your contacts:

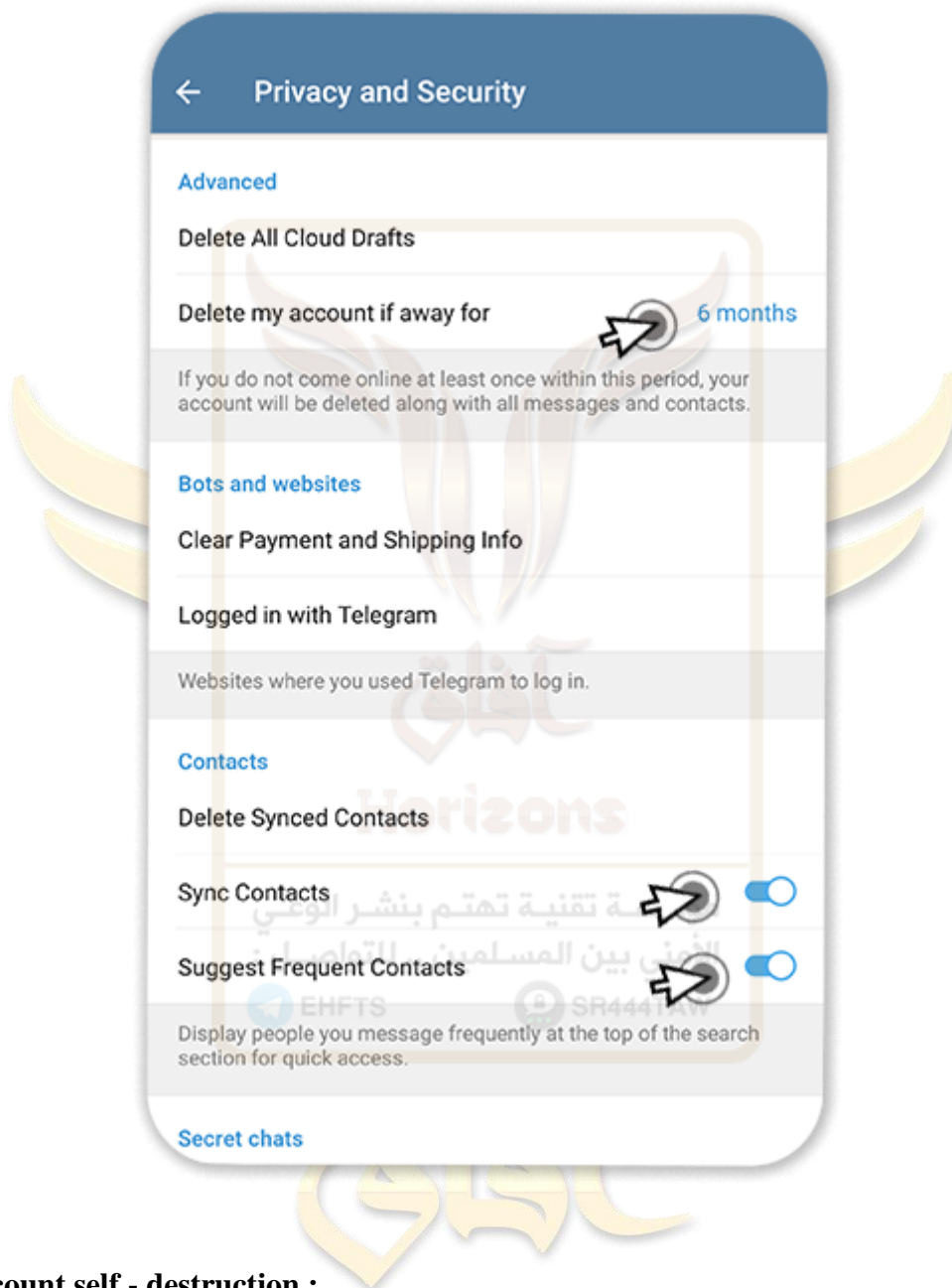
When you install Telegram It directly uploads your contacts to the company's servers so that it is easy to identify the accounts

registered in the Telegram from your contacts

Note : If your contacts are synchronized via Telegram servers and one of your contacts is registered in Telegram they can see your account number even if your account number is fake

Be sure to disable the options shown in the following image

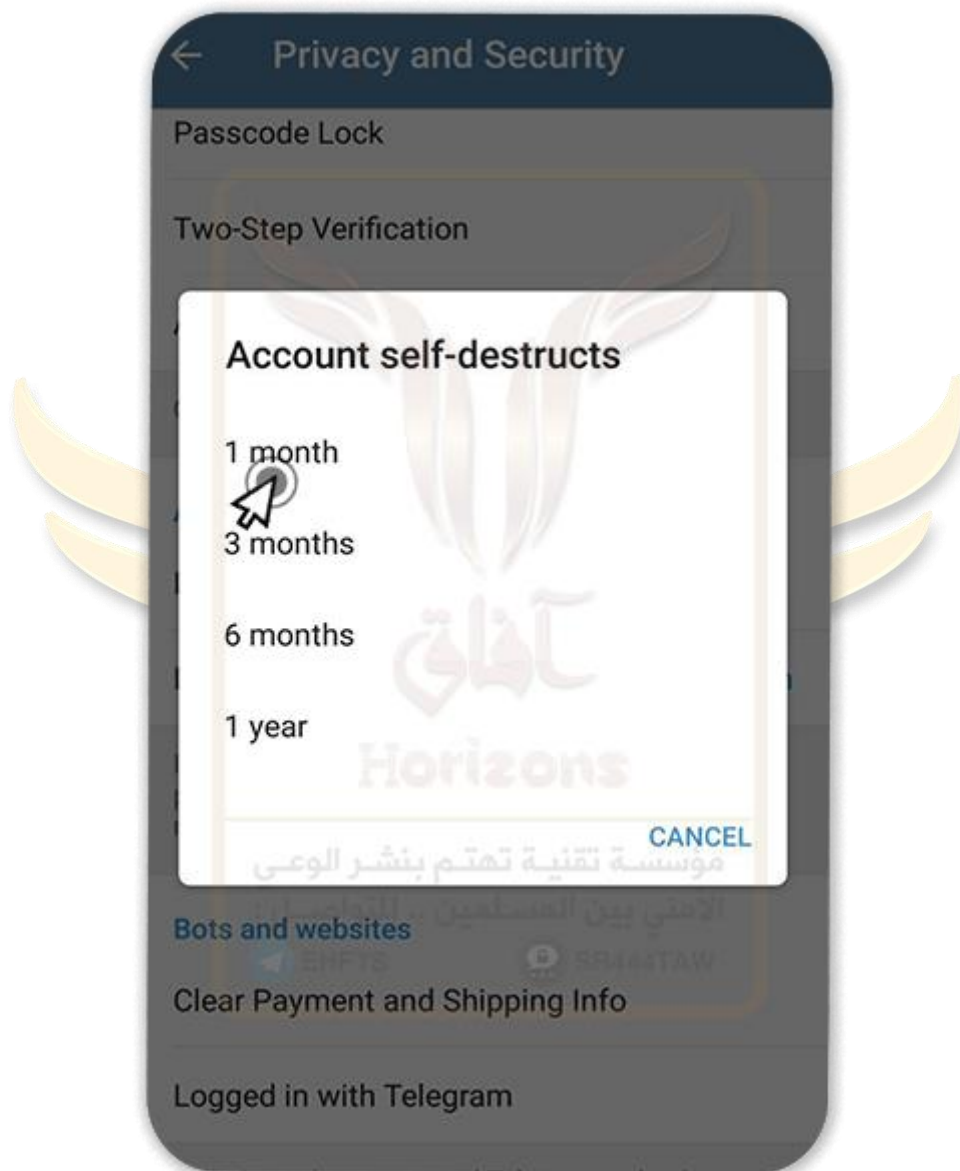




| Account self - destruction :

When you register with a new Telegram account, the default settings for deleting the account in case you are not active or haven't use your account for a period of 6 months are recommended to change the time period to one month



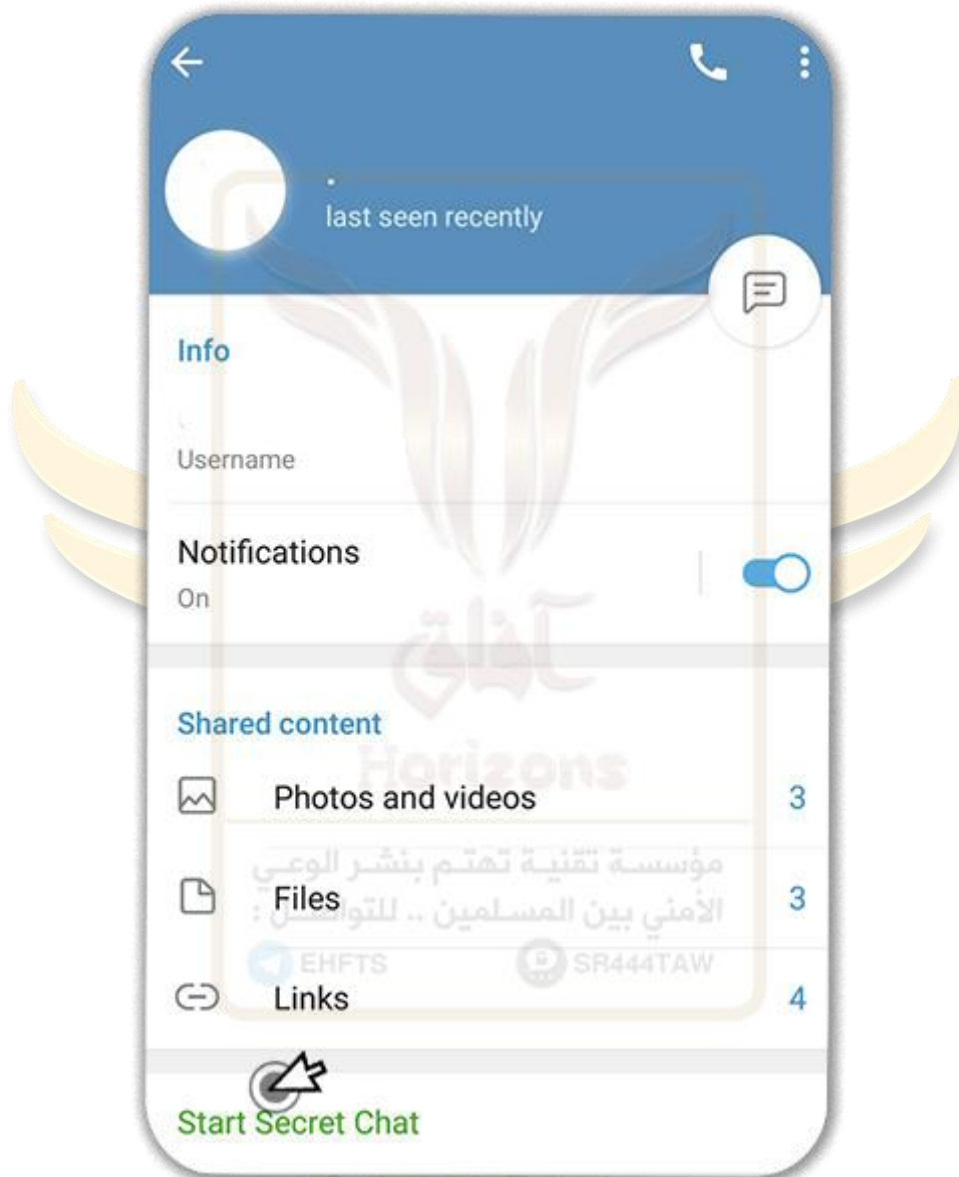


Even if you lose your account for any emergency, it will automatically delete all account's details after one month from your last login

| Secret Message :

Although we have previously warned against depending on Telegram to receive sensitive data through secret conversation , many researchers and cryptography experts have criticized Telegram's encryption protocol because it is an experimental and unstable encryption protocol and has not taken the luck of security scrutiny by experts. which makes It's users sample experiments

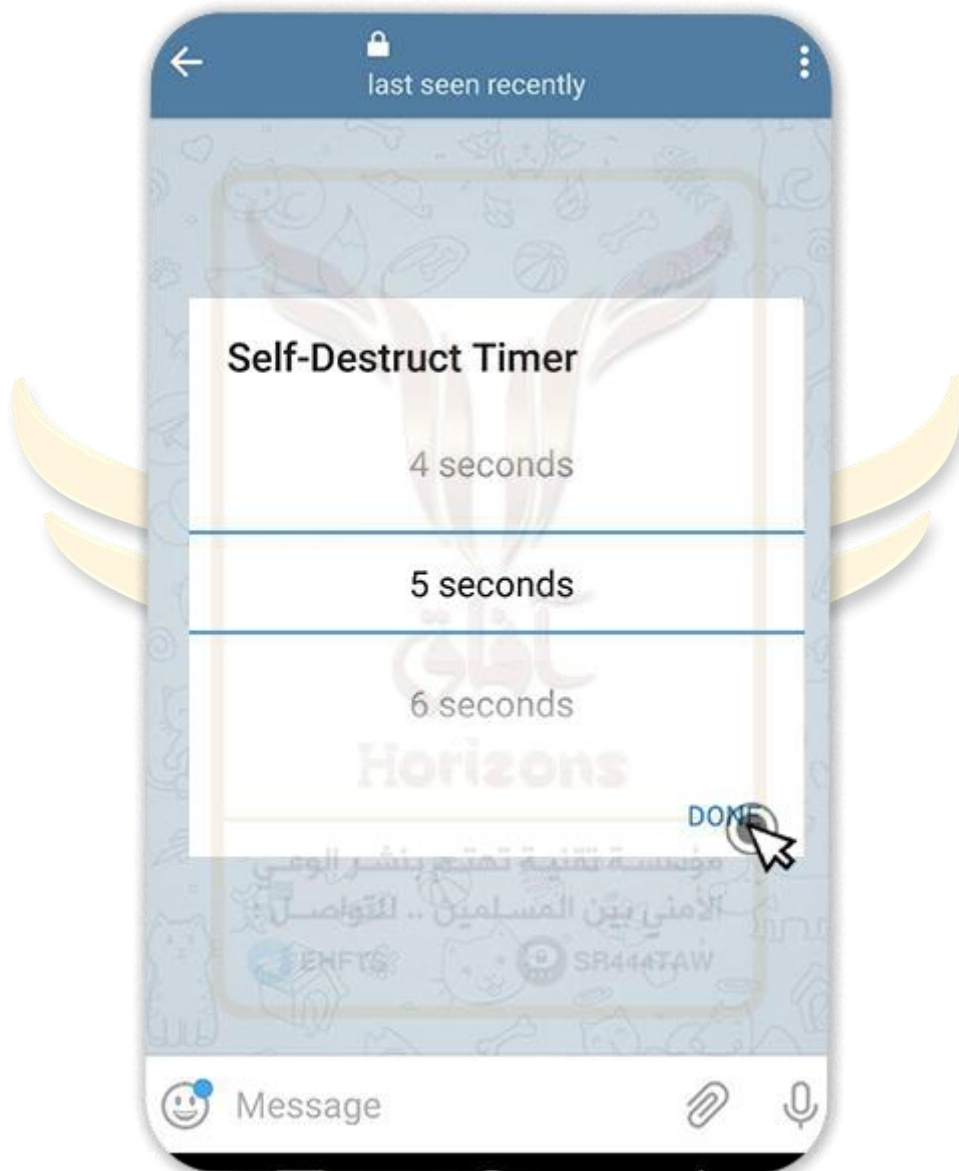




But secret conversations aren't stored on Telegram servers. So If it's necessary to communicate via Telegram, avoid public conversations and activate the self-destructive feature.







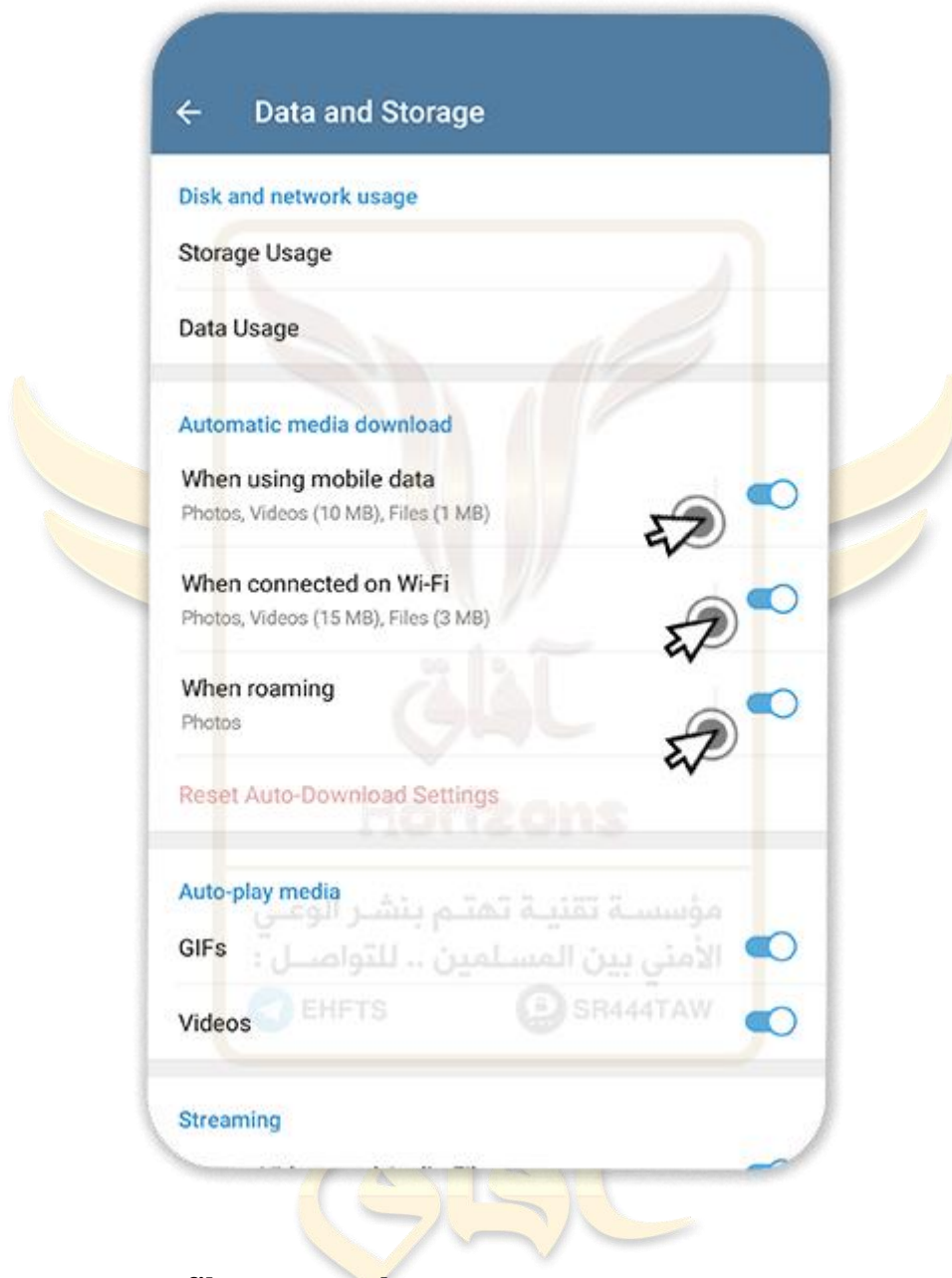
| Deactivate automatic media download :

By following the content published in the Ansaar groups, we found the intelligence services's Mercenaries used images to get the IP address of those who opened the image, As well as expansion of many mined files for following executive formulas{ Pdf – Apk – Exe – PNG – Jpg – SVG } Therefore, you should close the automatic download of files and avoid opening files before checking them first through [VirusTotal.com](https://www.virustotal.com).

Press on Data and Storage

Be sure to close the following features





| Store temporary files on your phone:

Every image you see and every file you read or listen to or a video you see is automatically stored in your phone's cache even if you delete access to your phone's internal memory or prevent Telegram from accessing the storage memory. So You should activate keep media for 3 days

Go to Telegram settings press on on Data and Storage then Storage usage

press on keep media





choose 3 days



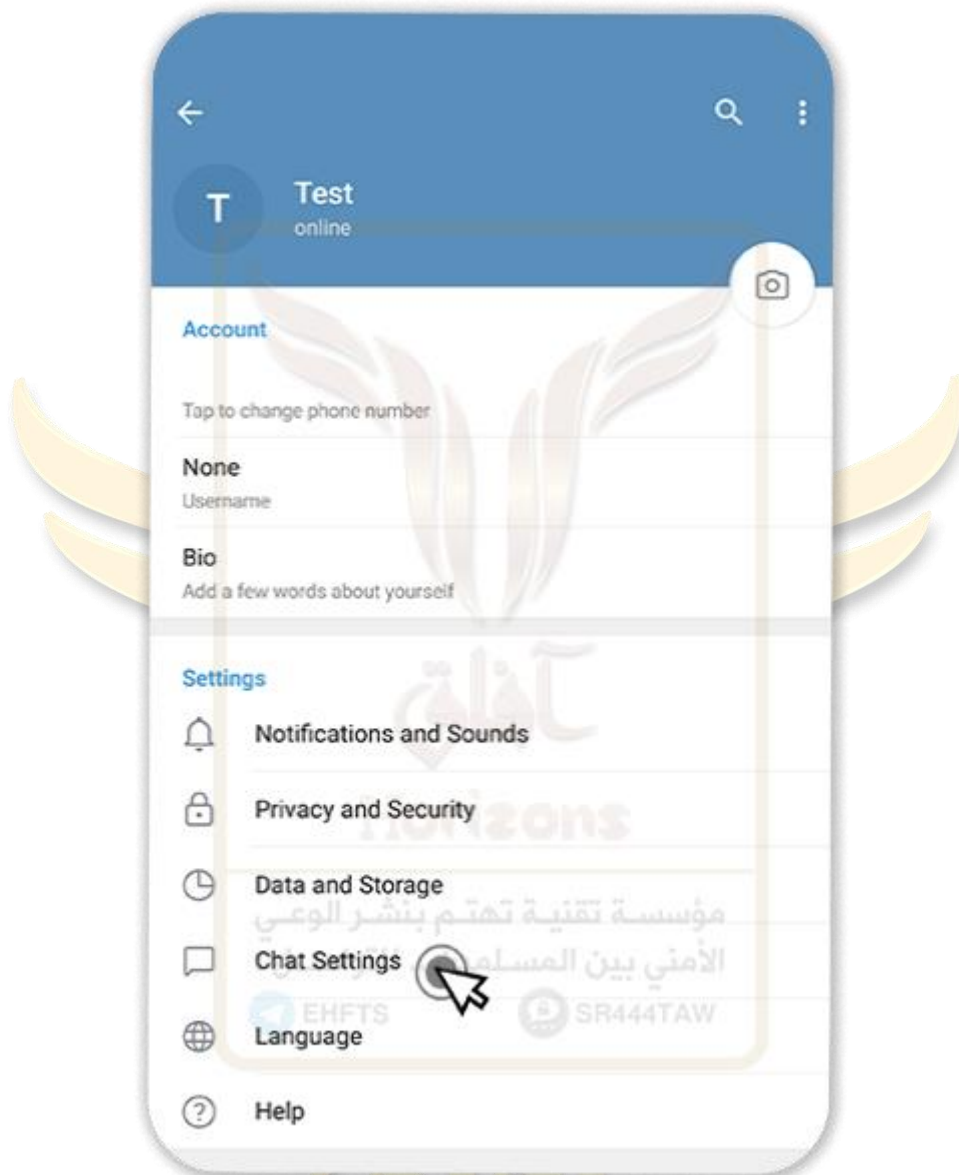


| The internal browser in Telegram:

The Telegram app is based on Android System WebView, It's an app that is installed by default on your phone to allow opening links within application but if you ignore Android System WebView updates you hack or track through the security vulnerabilities that have been discovered recently, So it's preferred to use Tor browser to see the links and don't use the internal browser of the application.

Go to Telegram's settings>> Chat settings





Deactivate the internal browser and direct share





| Delete conversations from both parties :





Also delete for

Horizons





| Prevent Telegram connection in background:

In the latest version of Telegram 5.5.0, it's added new features to delete conversations from both parties by pressing on the conversation long press as shown in the picture and then choose Delete

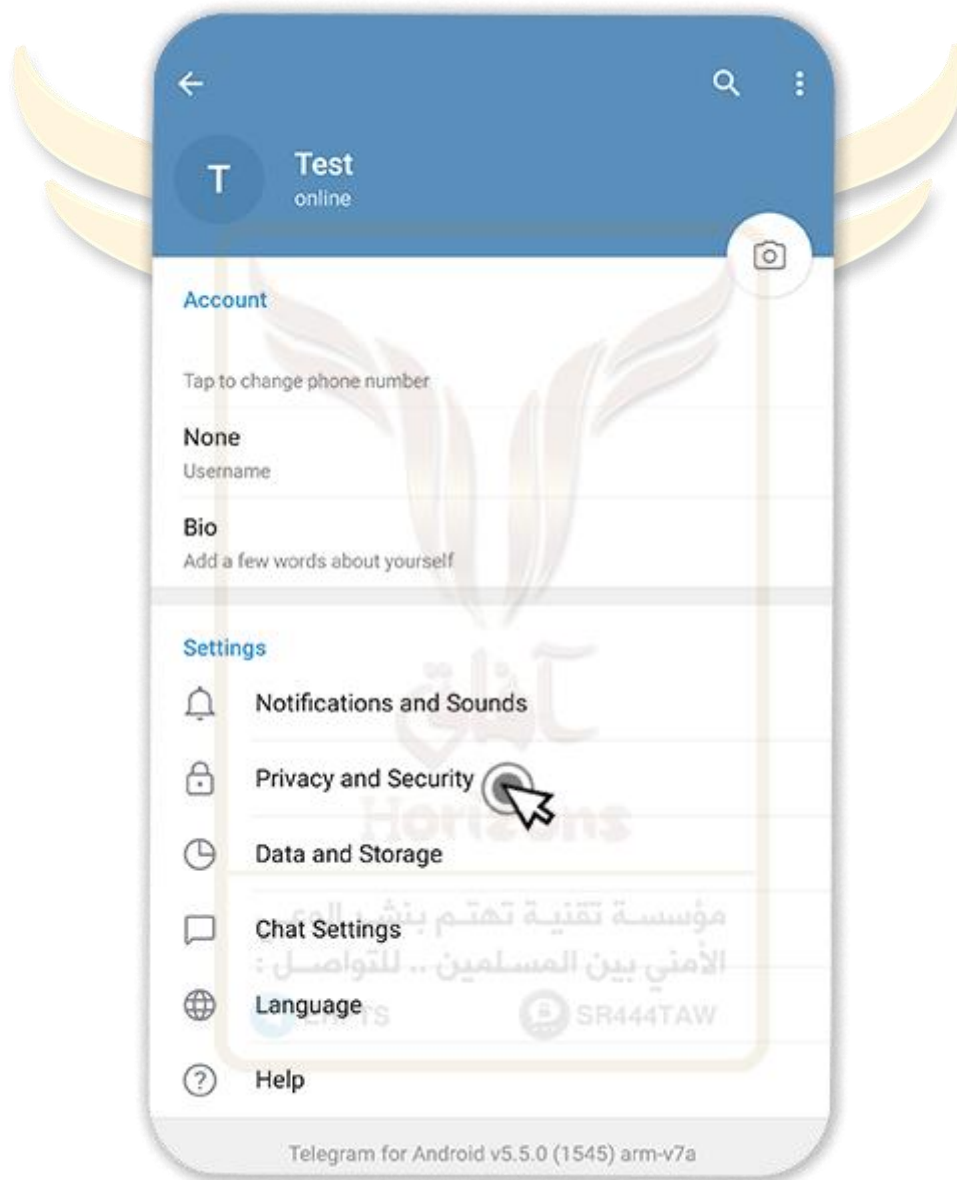
When you install the Telegram app, the default settings are that it works automatically from the start of the phone until it is closed. This may be good for receiving notifications on time but if you don't use a proxy and depend on VPN services only and it stopped occurs leaking IP address



| Deactivate the Phone Number Appearance feature :

Be sure to activate "My Contacts" to choose whom he can find you by your number and to prevent anyone has your no. or your account from finding your Telegram account.

Go to Settings >> Privacy & Security

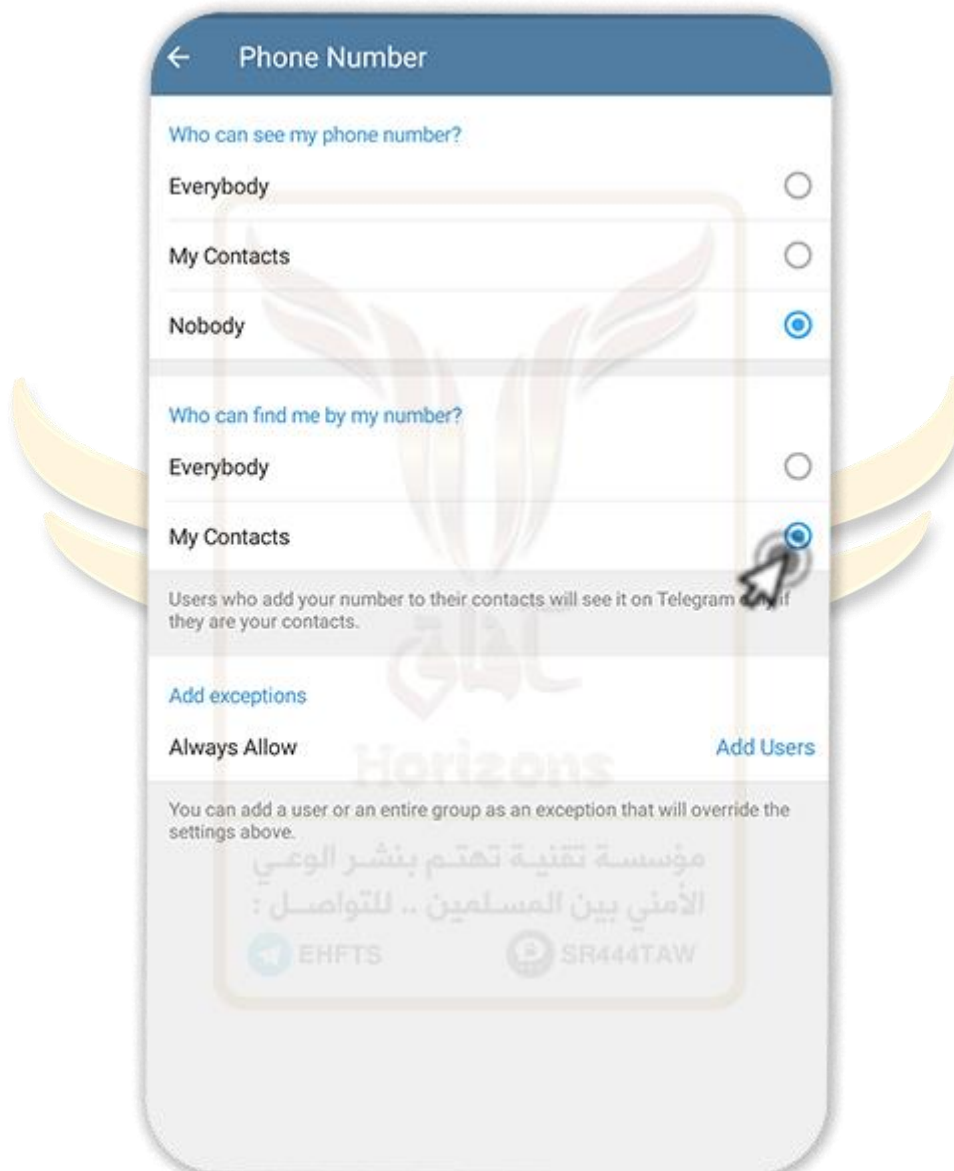


Press on the option in front of the phone number

Then Choose Nobody and press on the icon at the top to save your edits







| Computer Telegram settings |

| Activate 2-step verification (web version):

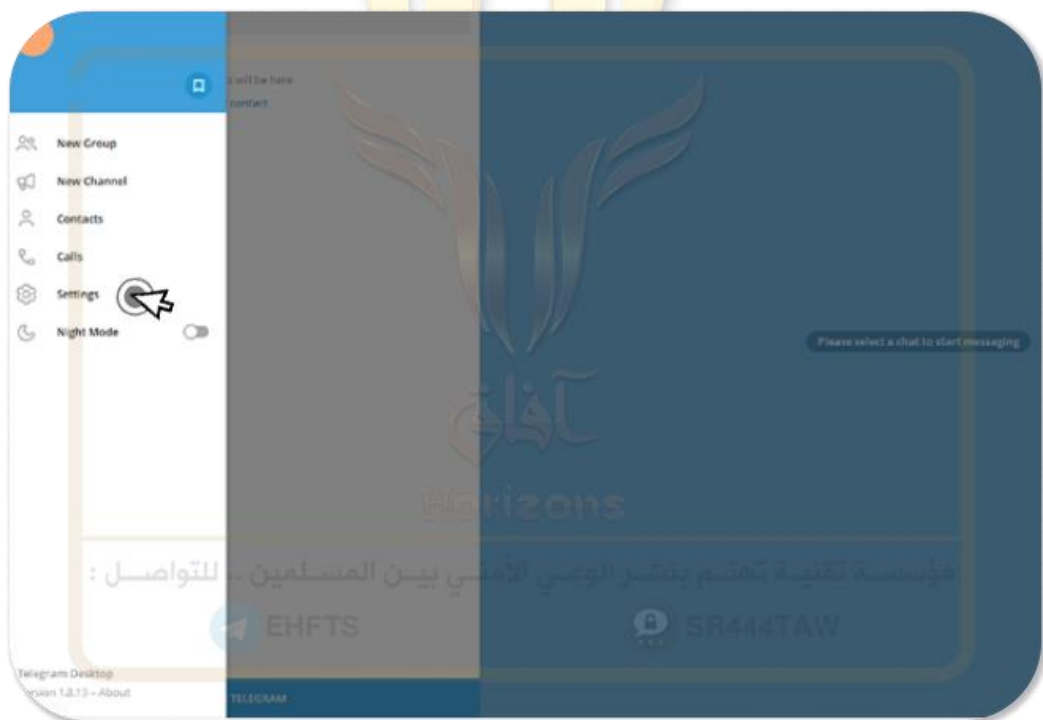
It is considered as one of the most important security features of Telegram which prevents any third parties from accessing your account. Even if he got the number you set in Telegram. The attacker will not be able to access your account data because he will have to delete the account in order to use the number again.

press on the three dots above



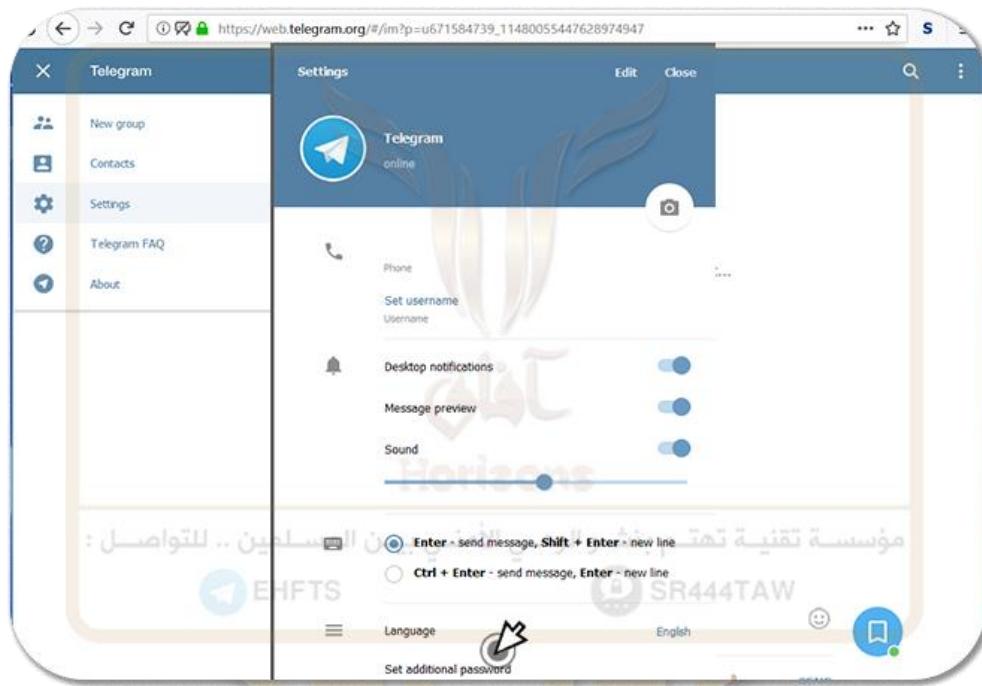


press on settings



press on set additional password





Press on the option in front of the phone number

In the first box enter the password

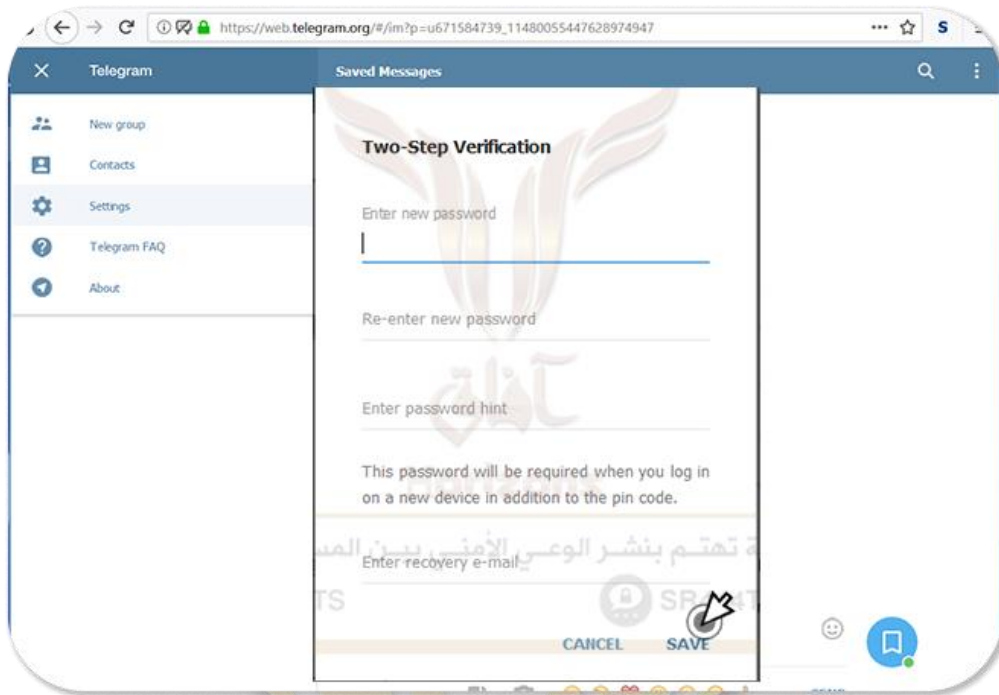
Then, Rewrite it at the second box

enter code to remember the password

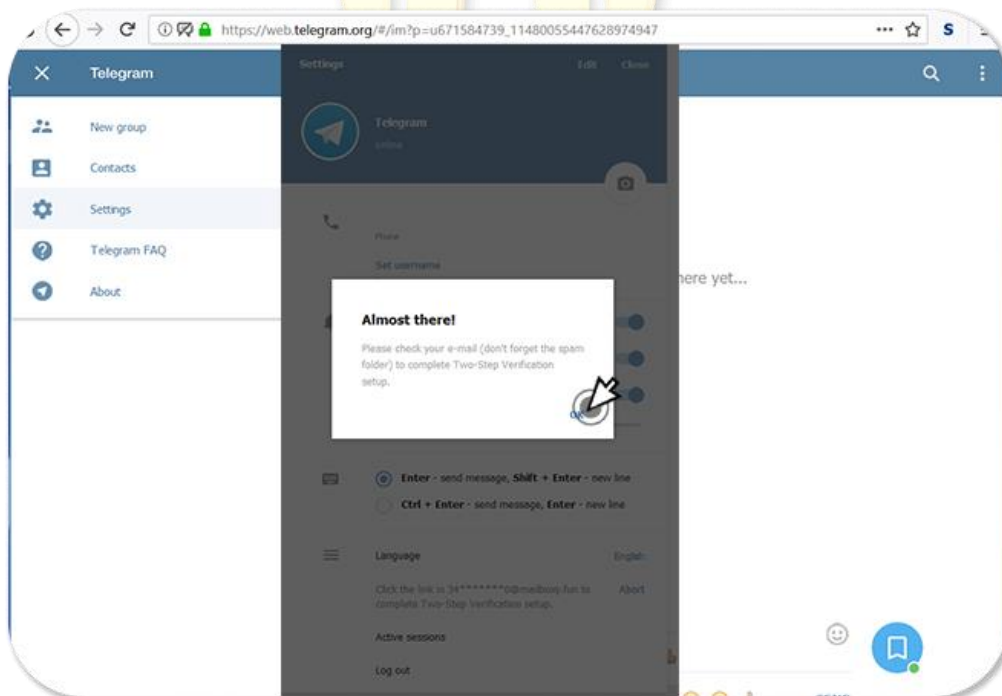
the 4th option enter a recovery email in case you forget your password (optional)

then press save



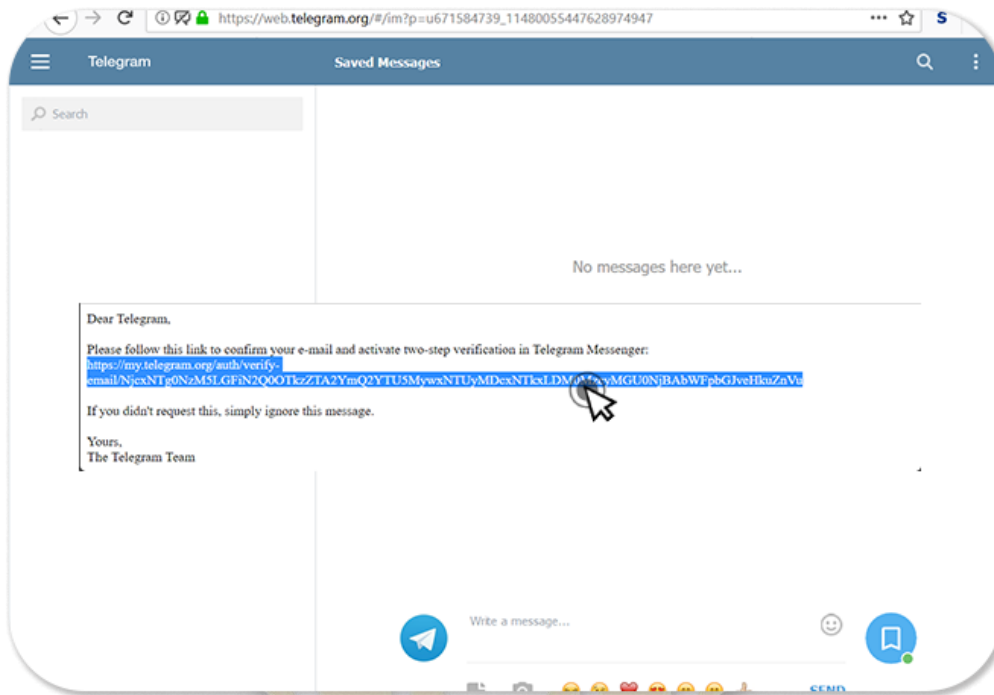


You will receive a code in the mail enter the code in the Telegram

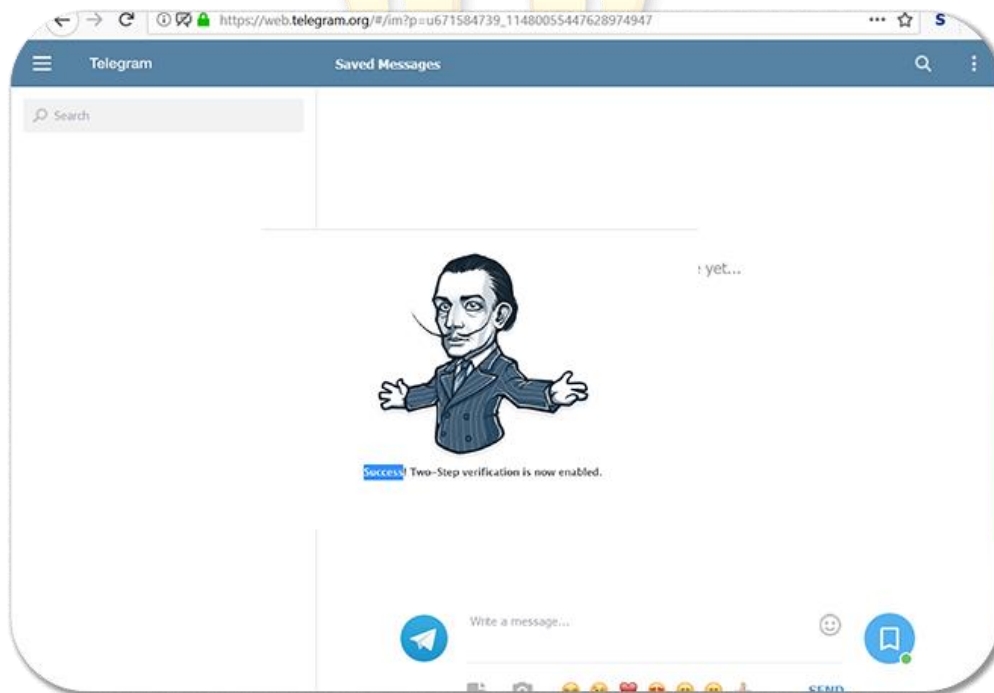


If you don't receive a code, you will receive a link to activate the 2-step verification feature.

2-Step Verification prevents hackers and intelligence services from exploiting SS7 loopholes to access your Telegram account



When the following message appears, 2-Step Verification has been successfully activated



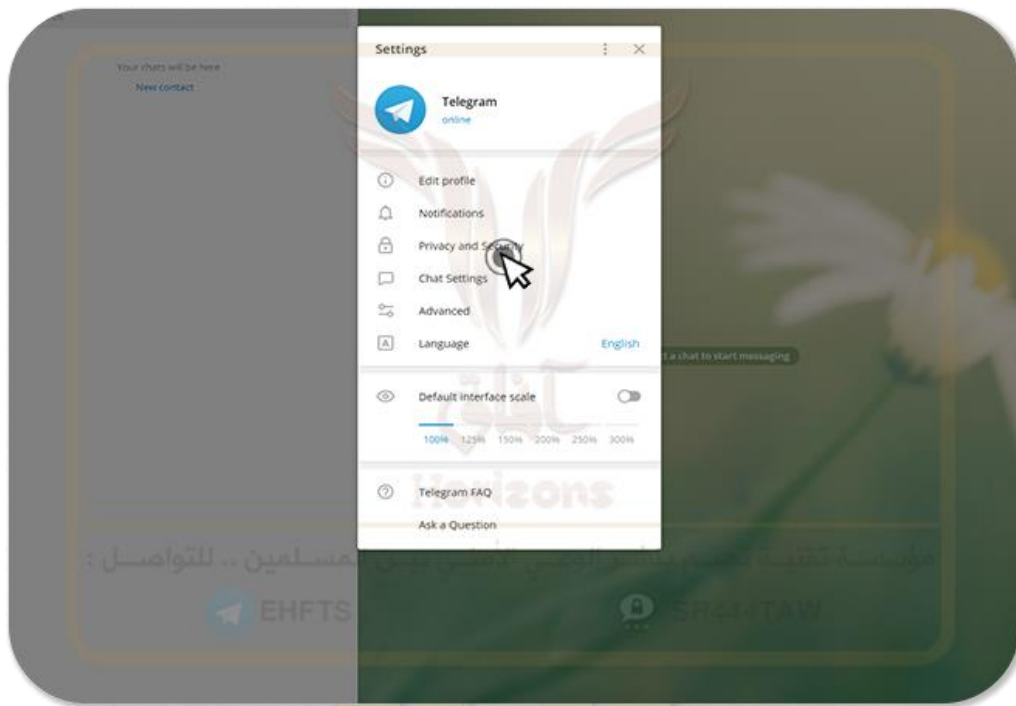
| Close Telegram application with a password (desktop version):

It's preferred to close the application with a password As if your phone is hacked or stolen, the phone owner cannot access your account

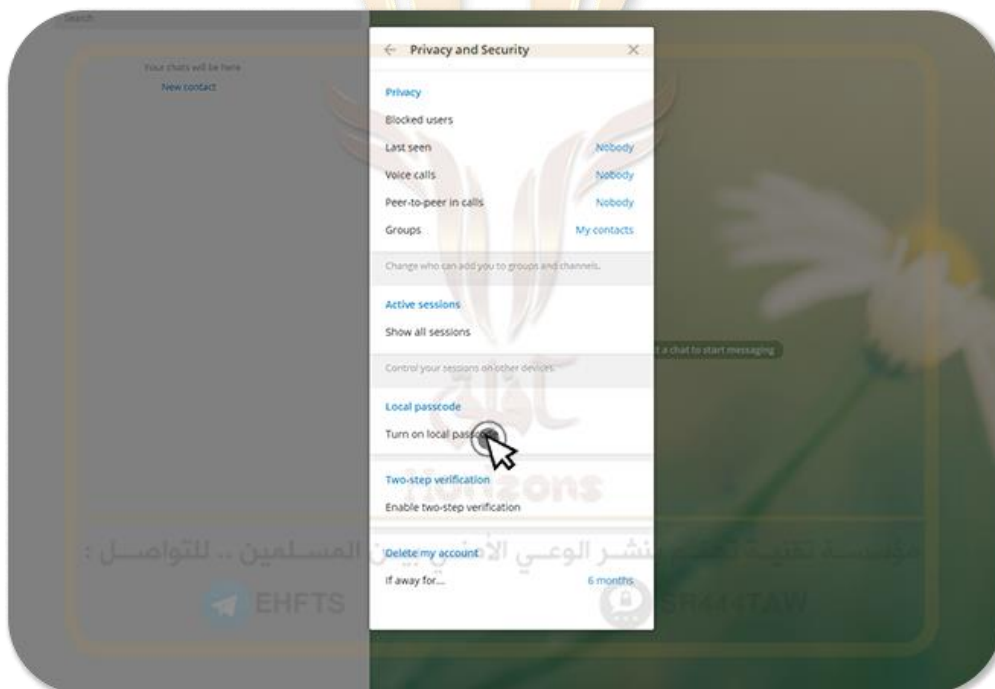
We also recommend using a password consisting of letters, symbols, and numbers that are different from your phone lock password



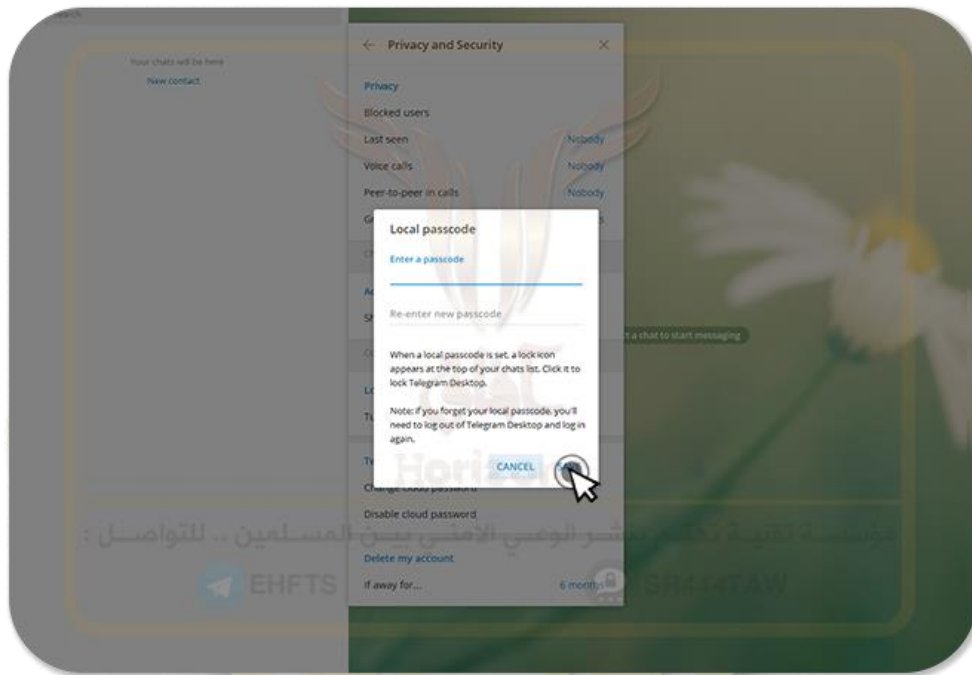
Go to settings >> privacy & security



press on Turn on local passcode



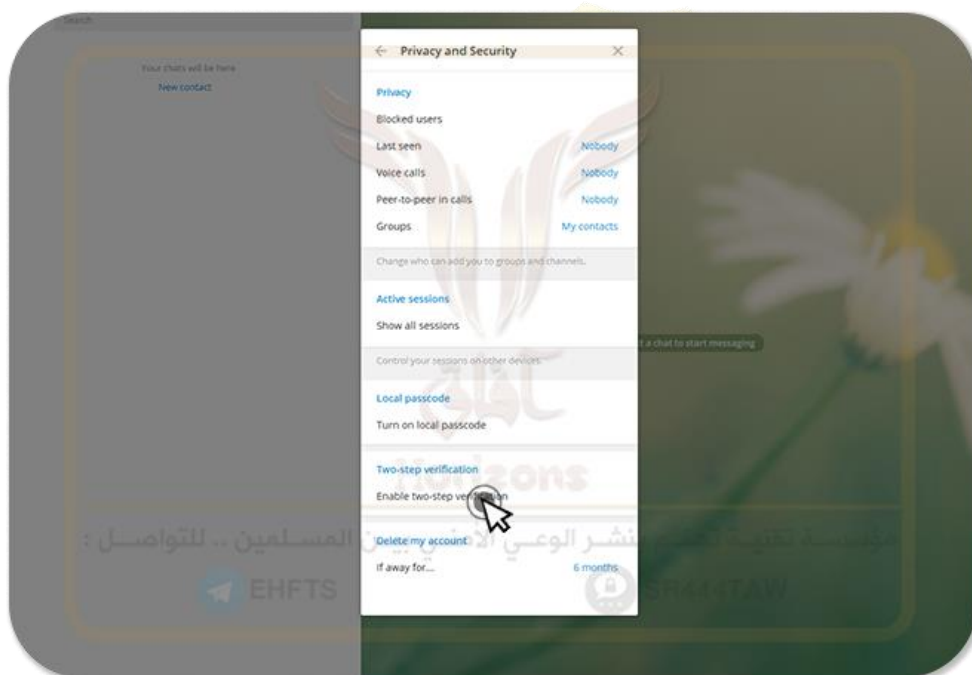
write password then rewrite it and press save



| two step verification (desktop version) :

It is considered as one of the most important security features of Telegram which prevents any third parties from accessing your account. Even if he got the number you set in Telegram. The attacker will not be able to access your account data because he will have to delete the account in order to use the number again.

press on enable two step verification



then rewrite the password in the second box

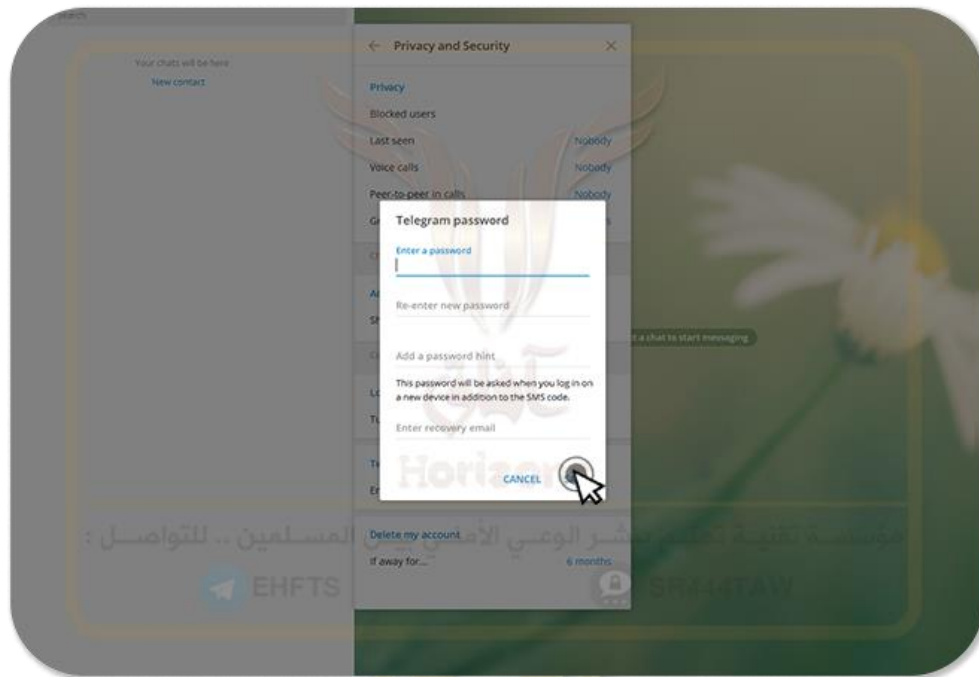


press save

then write code to remember you with the password

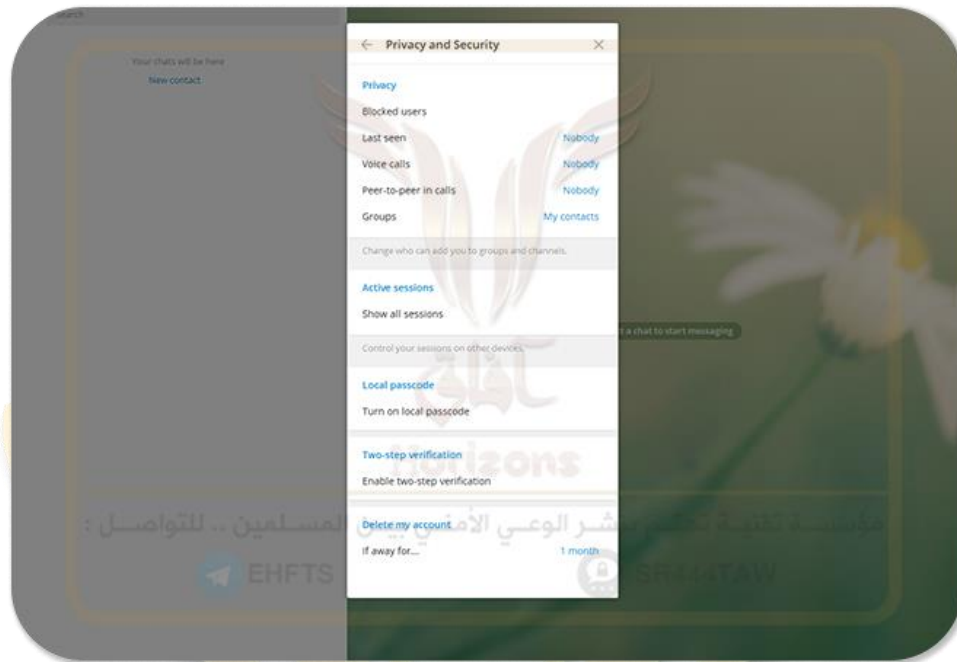
the 4th option Enter a recovery email in case you forget your password

press save



| Account self - destruction :

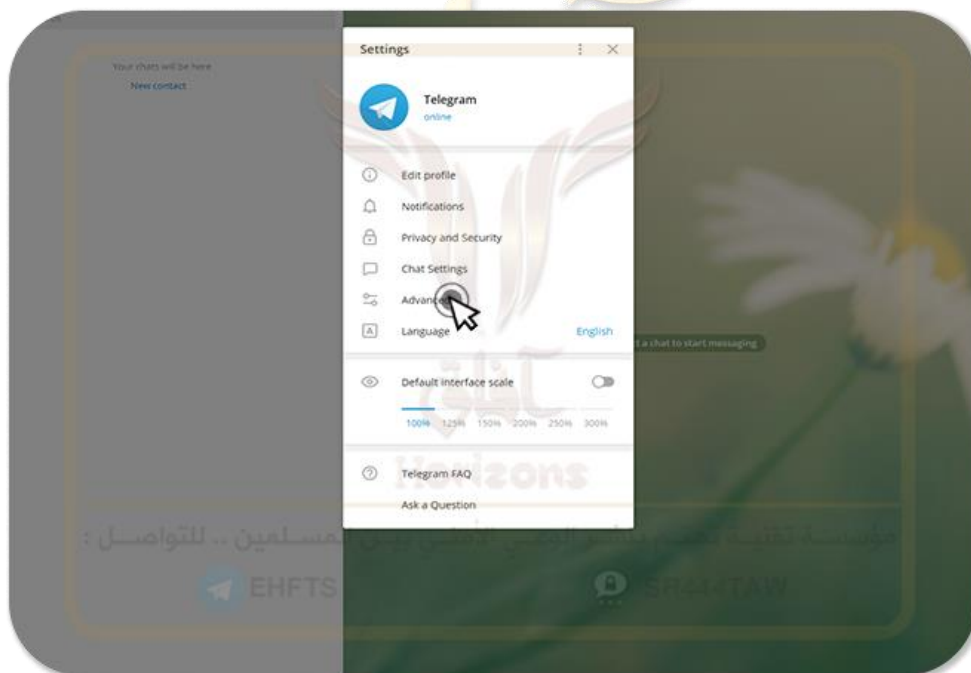
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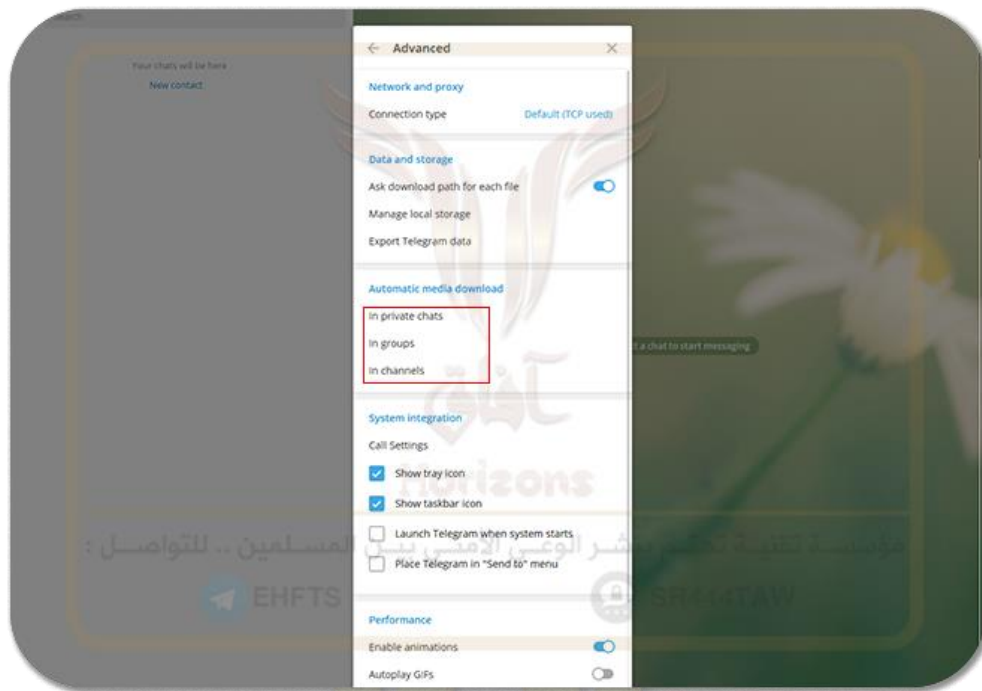
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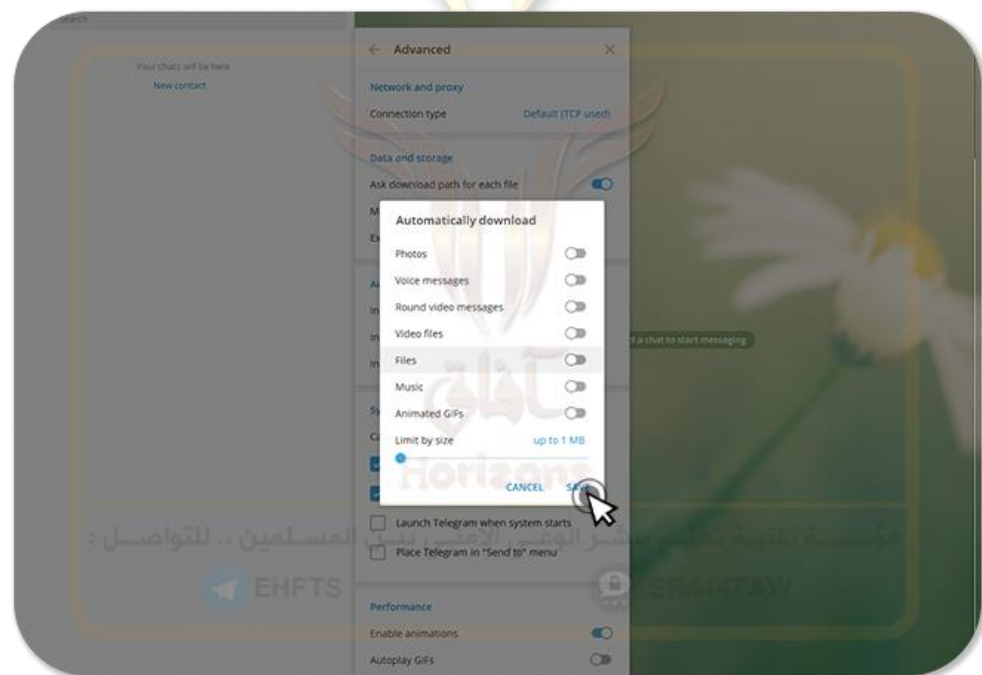
press on Advanced

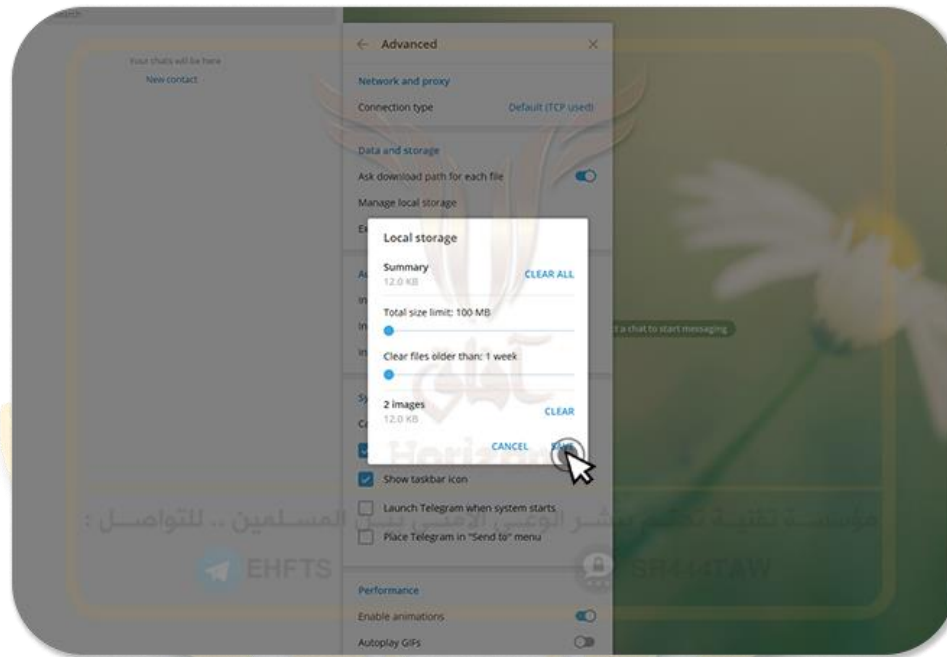


Besure to close the permission of automatic download in conversavtions , groups and channels as you see in the following picture



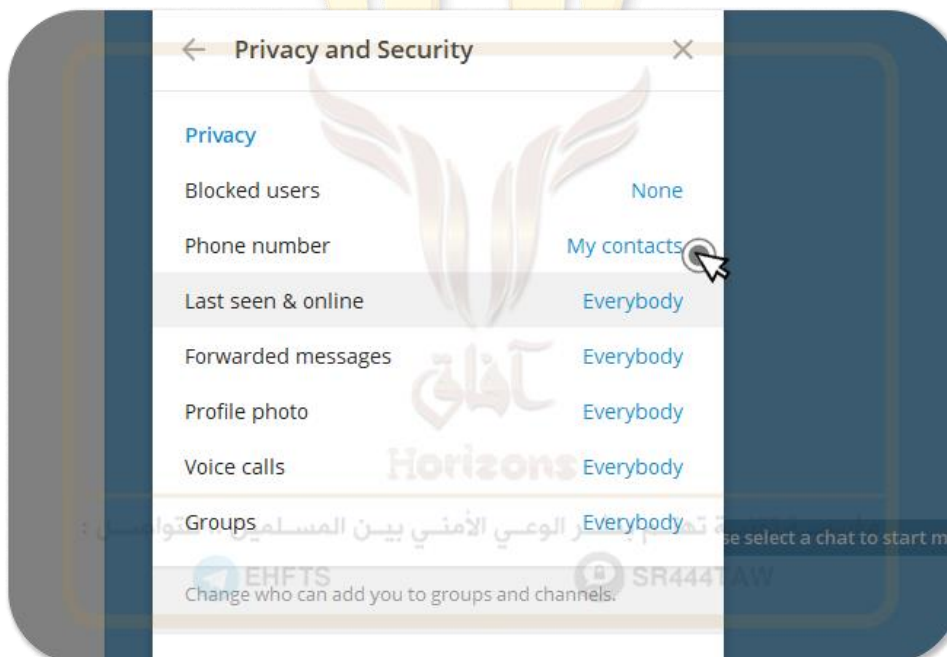
Close the following features and press save



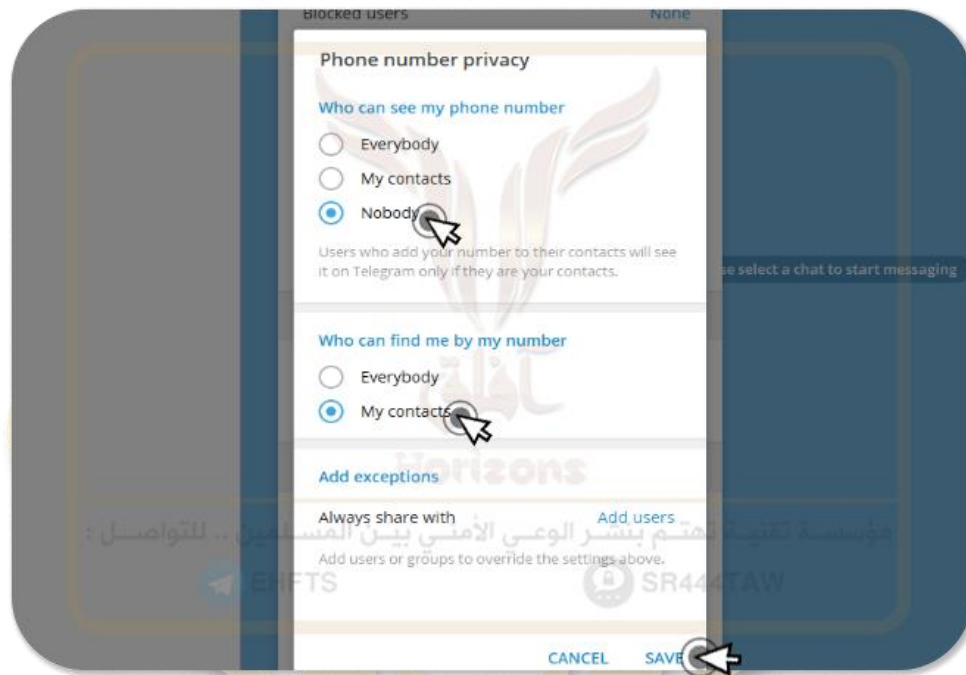


| Deactivate the Phone Number Appearance feature

Go to Settings >> Privacy & Security



Then choose Nobody and press on the icon at the top to save your edits

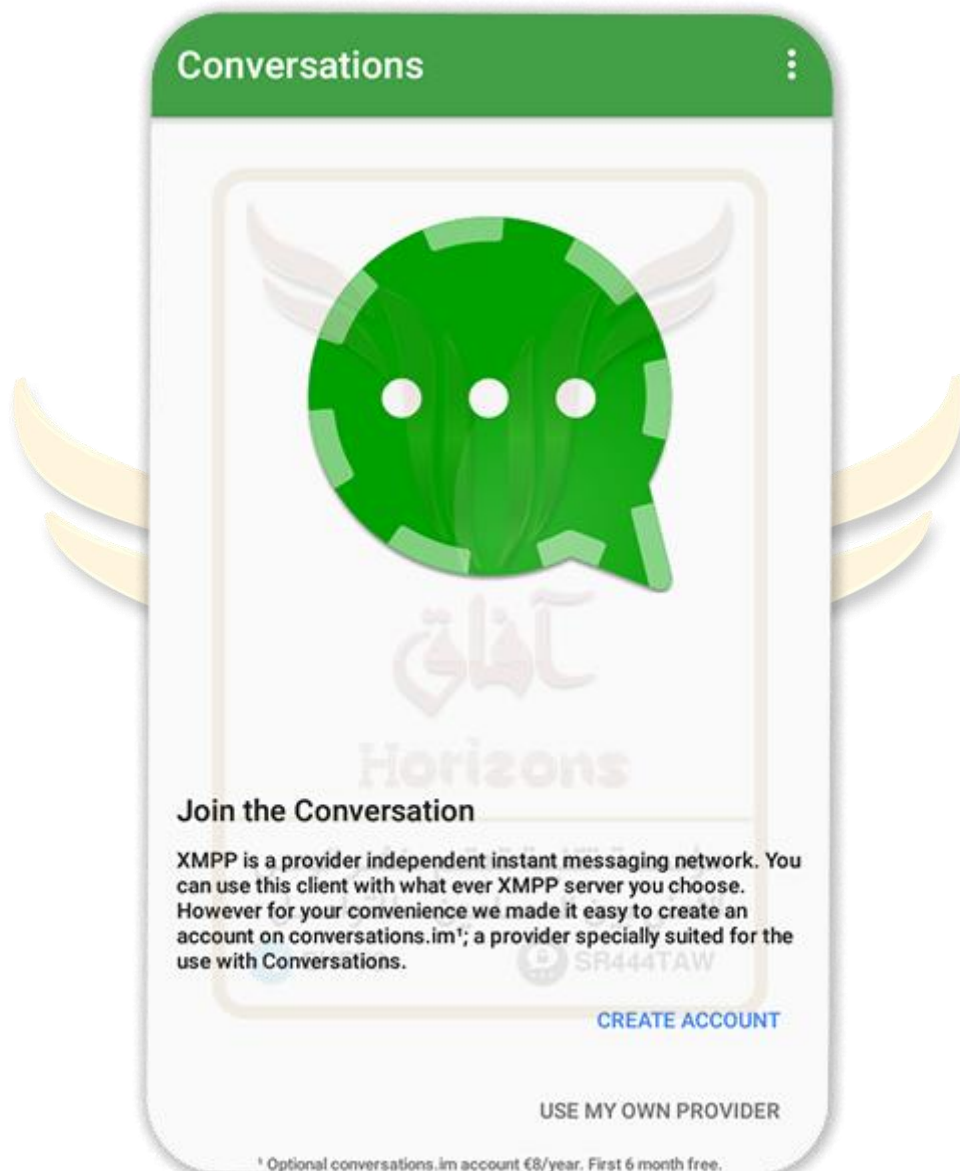


| Telegram alternatives for secure encrypted messaging |

■ For Android systems we recommend using Conversations with Omemo encryption protocol to send or receive personal or sensitive data via XMPP servers

We recommend [Conversations](#) app as it is one of the best encrypted communication apps for Android





vWe also recommend using [Gajim](#) for encrypted communication through Windows and [Linux](#) systems





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